

OFFICIAL PUBLICATIONS OF CORNELL UNIVERSITY

VOLUME VI

NUMBER 3

THE REGISTER OF CORNELL UNIVERSITY 1914-15

JANUARY 15, 1915
PUBLISHED BY CORNELL UNIVERSITY
ITHACA, NEW YORK

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CALENDAR

First Term, 1914-15

Sept. 11,	Friday,	Entrance examinations begin.
Sept. 21,	Monday,	Academic year begins. Registration of new students. Scholarship examinations begin.
Sept. 22,	Tuesday,	Registration of new students. Registration in the Medical College in N. Y. City.
Sept. 23,	Wednesday,	Registration of old students.
Sept. 24,	Thursday,	Instruction begins in all departments of the University at Ithaca. President's annual address to the students at 12 m.
Sept. 26,	Saturday,	Registration, Graduate School.
Oct. 13,	Tuesday,	Last day for payment of tuition.
Nov. 10,	Tuesday,	Winter Courses in Agriculture begin.
Nov. —,	Thursday and Friday,	Thanksgiving Recess.
Dec. 1,	Tuesday,	Latest date for announcing subjects of theses for advanced degrees in June.
Dec. 22,	Tuesday,	Instruction ends Instruction resumed } Christmas Recess.
Jan. 5,	Tuesday,	
Jan. 9,	Saturday,	The '94 Memorial Prize Competition.
Jan. 11,	Monday,	Founder's Day.
Jan. 23,	Saturday,	Instruction ends.
Jan. 25,	Monday,	Term examinations begin.

Second Term, 1914-15

Feb. 6,	Saturday,	Registration, undergraduates.
Feb. 8,	Monday,	Registration, Graduate School.
Feb. 8,	Monday,	Instruction begins.
Feb. 12,	Friday,	Winter Courses in Agriculture end.
Feb. 26,	Friday,	Last day for payment of tuition.
Mar. 1,	Monday,	Latest date for announcing subjects of theses for advanced degrees in September.
Mar. 15,	Monday,	The latest date for receiving applications for Fellowships and Scholarships in the Graduate School.
Mar. 31,	Wednesday,	Instruction ends Instruction resumed } Spring Recess.
April 8,	Thursday,	
April 8,	Thursday,	The latest date for presenting Woodford Orations.
May 7,	Friday,	The Woodford Prize Competition.
May 21,	Friday,	The '86 Memorial Prize Competition.
May 22,	Saturday,	Navy Day.
June 2,	Wednesday,	Term examinations begin.
June 10,	Thursday,	Commencement of the Medical College in New York City.
June 16,	Wednesday,	Forty-seventh Annual Commencement.
July 1,	Thursday,	Latest date for announcing subjects of theses for advanced degrees in February.

Third Term (in the College of Agriculture only), 1914-15

June 7,	Monday,	Registration.
June 8,	Tuesday,	Instruction begins.
Sept. 22,	Wednesday,	Term ends.

Summer Session, 1915

July 6,	Tuesday,	Summer Session begins.
Aug. 13,	Friday,	Summer Session ends.

Summer School in Agriculture, 1915

July 6,	Tuesday,	Summer School begins.
Aug. 13,	Friday,	Summer School ends.

CORNELL UNIVERSITY

FOUNDATION AND ENDOWMENT

"I would found an institution where any person can find instruction in any study."—EZRA CORNELL.

Cornell University was incorporated by the legislature of the State of New York on April 27, 1865, and to the University there were appropriated the proceeds of the sale of land scrip representing nine hundred and ninety thousand acres of public lands granted to the State in accordance with the provisions of an Act of Congress, approved on July 2, 1862. The amount realized from the State's sale of this land scrip was \$688,576.12.

Toward the endowment and maintenance of the new university, Ezra Cornell, at its foundation, donated \$500,000, and two hundred acres of land with useful buildings, along with several smaller gifts for special purposes.

A large portion of the land scrip sold by the State of New York was purchased by Ezra Cornell under contract providing that the profits derived from the sale of the lands should accrue to Cornell University. Under this contract of purchase, and by the wise administration of Ezra Cornell and the Board of Trustees through its Land Committee, of which Henry W. Sage was for many years chairman, Cornell University has up to August 1, 1914, realized \$5,040,383.85.

Cornell University was opened on October 7, 1868.

The lands and buildings and the equipment of the University have an estimated value of \$8,157,000. The productive and other funds of the University amount to \$13,974,000.

The current income of the University for the year 1913-14 was \$2,425,000. Of this amount, \$535,000 consisted of tuition and laboratory fees; \$765,000 was appropriated by the State of New York for the College of Agriculture and the Veterinary College; the residue of \$1,125,000 came from general investments and from miscellaneous sources. Donations and gifts during the year amounted to \$4,390,000.

The total expenses of the University for the corresponding period were \$2,714,000. The salaries of members of the instructing staff amounted to \$911,000; the cost of supplies and new equipment for the various departments of instruction was \$704,000; the erection of new buildings cost \$357,000; all other expenses for the year amounted to \$742,000.

A detailed statement of the finances of the University is included in the annual report of the Treasurer, which accompanies the Annual Report of the President; this may be had gratis on application to the Secretary of the University.

GOVERNMENT OF THE UNIVERSITY

The government of Cornell University is vested in a President elected by the Board of Trustees, and a Board of Trustees, consisting of the President of the University and thirty-nine other members, of whom seven are ex-officio, viz: the Governor of the State of New York, the Lieutenant-Governor, the Speaker of the Assembly, The Commissioner of Education, the Commissioner of Agriculture, the President of the State Agricultural Society, and the Librarian of the Cornell Library. The eldest lineal male descendant of Ezra Cornell is a trustee during his life. Of the remaining thirty-one members, fifteen are elected by cooptation for a term of five years, ten are elected by the alumni of Cornell University to serve for five years, five are appointed by the Governor of the State of New York for the same term of service, and one is annually elected by the State Grange.

BOARD OF TRUSTEES

The President of the University	... Jacob Gould Schurman, A.M., D.Sc.LL.D.
The Governor of New York	... Albany
The Lieutenant-Governor	... Albany
The Speaker of the Assembly	... Albany
The Commissioner of Education	... Albany
The Commissioner of Agriculture	... Albany
The President of the State Agricultural Society	... 333 W. 30th St., New York
The Librarian of the Cornell Library	... Ithaca
Charles Ezra Cornell	... Ithaca
*Henry R. Ickelheimer	... (B)... Box 1854, New York
*Henry B. Lord	... (B)... Ithaca
*Andrew D. White	... (B)... Ithaca
*John H. Barr	... (A)... 293 Broadway, New York
*Robert T. Morris	... (A)... 616 Madison Ave., New York
*John N. Carlisle	... (G)... Watertown
Andrew Carnegie	... (B)... 2 East 91st St., New York
George C. Boldt	... (B)... Waldorf-Astoria, New York
Frank H. Hiscock	... (B)... Court House, Syracuse
Herbert D. Mason	... (A)... Tulsa, Oklahoma
James Harvey Edwards	... (A)... 30 Church St., New York
Frank H. Miller	... (G)... 146 W. 54th St., New York
Jared T. Newman	... (B)... Ithaca
Mynderse VanCleaf	... (B)... Ithaca
Robert H. Treman	... (B)... Ithaca
John C. Westervelt	... (A)... 36 W. 34th St., New York
Mrs. Harriet T. Moody	... (A)... 2970 Groveland Ave., Chicago, Ill.
Thomas B. Wilson	... (G)... Hall

*Term of office (5 years) expires in 1915, the next group of six in 1916, etc. B., elected by Board; A., elected by Alumni; G., appointed by Governor; Gr., elected by State Grange for 1914-15.

Henry H. Westinghouse(B) . .	165 Broadway, New York
Charles E. Treman(B) . .	Ithaca
Roger B. Williams(B) . .	Ithaca
Franklin Matthews(A) . .	Columbia School of Journalism, New York
Cuthbert W. Pound(A) . .	Lockport
J. DuPratt White(G) . .	14 Wall St., New York
Charles H. Blood(B) . .	Ithaca
Charles Sidney Shepard(B) . .	New Haven, N. Y.
Henry W. Sackett(B) . .	Tribune Bldg., New York
Ira A. Place(A) . .	Grand Central Terminal, New York
George J. Tansey(A) . .	400 S. Broadway, St. Louis, Mo.
John A. Dix(G) . .	Thomson
Wm. F. Pratt(Gr) . .	"The Meadows," Batavia

Emmons L. Williams, Comptroller of the University . . . Morrill Hall, Ithaca
 Charles D. Bostwick, Treasurer of the University and Secretary of the Board
 of Trustees Morrill Hall, Ithaca

STANDING COMMITTEES OF THE BOARD OF TRUSTEES, 1914-15

Committee on General Administration: M. Van Cleef, Chairman, President Schurman, Andrew D. White, Charles E. Cornell, Roger B. Williams, James H. Edwards, John H. Barr, Frank H. Hiscock, Thomas B. Wilson, Henry H. Westinghouse, Charles E. Treman, Cuthbert W. Pound.

Committee on Finance: Roger B. Williams, Chairman, President Schurman, Ira A. Place, Robert H. Treman, Henry H. Ickelheimer, C. Sidney Shepard.

Committee on Buildings and Grounds: James H. Edwards, Chairman, President Schurman, John C. Westervelt, George C. Boldt, Henry W. Sackett, Charles H. Blood.

Agricultural College Council: Thomas B. Wilson, Chairman, President Schurman, Calvin J. Huson, John J. Dillon, Jared T. Newman, John C. Westervelt, John N. Carlisle, Frank H. Miller, William F. Pratt, J. DuPratt White, John A. Dix, Director of College of Agriculture and Treasurer of University without votes.

Medical College Council: President Schurman, Chairman, William M. Polk, H. R. Ickelheimer, H. H. Westinghouse, Ira A. Place, Lewis A. Stimson, W. Gilman Thompson.

Veterinary College Council: President Schurman, Chairman, Emmons L. Williams, Veranus A. Moore, Calvin J. Huson, John J. Dillon, William F. Pratt, J. DuPratt White, John A. Dix, John N. Carlisle, Frank H. Miller, Thomas B. Wilson.

CORNELL UNIVERSITY

1. **The University.** Cornell University comprehends the Graduate School; the College of Arts and Sciences; the College of Law; the Medical College (including the Medical College in New York City and the Ithaca Division of the Medical College); the New York State Veterinary College; the New York State College of Agriculture; the College of Architecture; the College of Civil Engineering; the Sibley College of Mechanical Engineering and Mechanic Arts; and the School of Education. The New York State College of Agriculture and the New York State Veterinary College are administered by Cornell University, and their work is organically connected with that of the University.

2. **The University Faculty.** The University Faculty consists of the President, who is ex-officio the presiding officer, and the Professors and Assistant Professors in the colleges and schools of the University, along with the Librarian, the Assistant Librarians, the Registrar, and the Secretary of the University. It is the function of the University Faculty to consider questions that concern more than one special faculty, questions of University policy, and questions relating to the administration of the discipline of the University.

3. **The Faculty of the Graduate School.** The Faculty of the Graduate School consists of the President, who is ex-officio the presiding officer, and all Professors, Assistant Professors, and Instructors, who are actively engaged in supervising the work of graduate students as members of the special committees in charge of major and minor subjects.

4. **The College Faculties.** Each of the remaining faculties of the University is composed of the President, who is ex-officio the presiding officer, and all Professors, Assistant Professors, and Instructors who give instruction in the department or departments under the charge of that Faculty; but instructors, with the exception of those who are appointed for a term of more than one year, have not the right to vote. Subject to the right of revision by the University Faculty on all matters affecting general University policy, it is the duty of each college Faculty to determine the entrance requirements for its own students; to prescribe and define courses of study for them; to determine the requirements for such degrees as are offered to students under its jurisdiction; and to recommend to the Trustees such candidates for degrees as may have completed the respective requirements for those degrees.

OFFICERS OF INSTRUCTION AND OF ADMINISTRATION

THE UNIVERSITY FACULTY AND THE SEPARATE FACULTIES

- Schurman, Jacob Gould, A.M., D.Sc., LL.D., President of the University, 1892.
Professor of Philosophy, 1886.
- Adams, Joseph Quincy, jr., A.B., A.M., Ph.D., Assistant Professor of English, 1909. Instructor, 1904.
- Albee, Ernest, A.B., Ph.D., Professor of Philosophy, 1907. Instructor 1892; Assistant Professor 1902.
- Albert, Calvin Dodge, M.E., Assistant Professor of Machine Design, 1908.
Instructor, 1904.
- Alexander, Charles Paul, B.S., Instructor in Entomology, 1914.
Assistant in Biology, 1911; Assistant in the Farm Course, 1912.
- Allen, Arthur Augustus, A.B., A.M., Ph.D., Instructor in Zoology, 1912.
Assistant in Neurology and Vertebrate Zoology, 1906-07; Instructor, 1909-11.
- Anderson, Elam J., A.B., Instructor in Public Speaking, 1913.
- Anderson, Ross Peter, A.B., Ph.D., Assistant Professor of Chemistry, 1914.
Assistant, 1907; Instructor, 1911.
- Andrews, Albert LeRoy, A.B., A.M., Ph.D., Instructor in German and Scandinavian, 1909.
- Andrews, Eugene Plumb, A.B., Assistant Professor of Archaeology and Curator of the Museum of Casts, 1911. Curator, 1897; Instructor, 1900.
- Ashworth, Paul Parrish, M.E., Instructor in Machine Design, 1914.
- Asmus, Henry, Assistant Professor of Farriery, 1914.
- Atkinson, George Francis, Ph.B., Professor of Botany with special reference to Comparative Morphology and Mycology, College of Arts and Sciences, 1896.
Assistant Professor, 1892; Associate Professor, 1893.
- Austen, Willard Henry, Assistant Librarian, 1892.
- Babcock, Howard Edward, B.S., Ph.B., Assistant Extension Professor and Assistant State Director of Farm Bureaus, 1913.
- Bailey, Elmer James, Ph.B., Ph.M., A.M., Ph.D., Instructor in English, 1908.
Assistant, 1907.
- Bailey, Harold Capron, M.D., Instructor in Obstetrics, 1910. New York City.
Clinical Instructor in Surgery, 1906; Instructor in Pharmacology, 1907.
- Baker, William Charles, B.S.A., Professor of Drawing in the College of Agriculture, 1914. Instructor in Drawing in Sibley College, 1899-1904; Instructor in Outdoor Art in the College of Agriculture, 1905-06; Assistant Professor of Drawing, 1907.
- Baldwin, Dane Lewis, A.B., M.A., Instructor in English, 1912.
- Baldwin, Wesley Manning, A.B., A.M., M.D., Assistant Professor of Anatomy, 1914. New York City. Assistant, 1904; Instructor, 1907.
- Ballard, William Cyrus, jr., M.E., Instructor in Electrical Engineering, 1911.
Instructor in Machine Design, 1910.
- Bancroft, Wilder Dwight, A.B., Ph.D., Professor of Physical Chemistry, 1903.
Assistant Professor, 1895.
- Barker, Elmer Eugene, A.B., Assistant Professor of Plant Breeding, 1914.
Assistant in Geology, 1909; Assistant in Entomology, 1910-11; Assistant in Plant Breeding, 1912; Instructor, 1913.
- Barnard, William Nichols, M.E., Professor of Steam Engineering, 1907.
Assistant in Machine Design, 1897; Instructor, 1898-1900; Assistant Professor, 1903; Assistant Professor of Steam Engineering, 1905.
- Barnes, Fred Asa, C.E., M.C.E., Assistant Professor of Railroad Engineering, 1905. Instructor in Civil Engineering, 1902.
- Barringer, Benjamin Stockwell, B.S., M.D., Clinical Instructor in Surgery, Department of Urology, 1914. Assistant, 1906-07.

- Barrows, Charles Clifford, A.M., M.D., Assistant Professor of Clinical Surgery, Department of Gynecology, 1913. New York City. Clinical Instructor in Gynaecology, 1898.
- Barrus, Mortier Franklin, B.A., Ph.D., Extension Professor of Plant Pathology, 1914. Assistant, 1908; Assistant Professor, 1911.
- Bauer, John, Ph.D., Assistant Professor of Economics, 1910. (Absent on leave). Instructor, 1908.
- Baxter, Hubert E., B.Arch., Instructor in Architecture, 1911.
- Beal, Alvin Casey, B.S., M.S. in Agr., Ph.D., Professor of Floriculture, 1913. Assistant, 1910; Assistant Professor, 1911.
- Beckman, Fenwick, M.D., Instructor in Operative Surgery, 1914.
- Bedell, Frederic, A.B., Ph.D., Professor of Applied Electricity, 1904. Instructor in Physics, 1892; Assistant Professor, 1893.
- Beebe, Silas Palmer, B.S., Ph.D., Professor of Experimental Therapeutics, 1910. New York City. Assistant in Experimental Pathology, 1908; Assistant Professor of Experimental Therapeutics, 1909.
- Beitz, William Edward, C.E., Instructor in Civil Engineering, 1912.
- Benedict, Stanley R., Ph.D., Professor of Chemistry, 1912. New York City. Assistant Professor, 1910.
- Benjamin, Earl Whitney, B.S. in Agr., M.S. in Agr., Assistant Professor of Poultry Husbandry, 1914. Assistant, 1910; Instructor, 1911.
- Bennett, Charles Biglow, B.S. in E.E., Instructor in Machine Design, 1913.
- Bennett, Charles Edwin, A.B., Litt.D., Goldwin Smith Professor of Latin, 1912. Professor, 1892.
- Bennett, Charles William, B.S., A.M., Ph.D., Assistant Professor of Chemistry, 1913. Assistant, 1909; Instructor, 1911.
- Bentley, John, jr., B.S., M.F., Assistant Professor of Forestry, 1912.
- Berry, Charles Harold, M.E., Instructor in Power Engineering, 1913.
- Besemer, Arthur Merle, B.S., Instructor in Dairy Industry, 1914.
- Bierma, Arthur Graham, M.E., Instructor in Electrical Engineering, 1913. Instructor in Experimental Engineering, 1909.
- Birch, Raymond Russell, D.V.M., Superintendent of the Veterinary Experimental Station, 1914. Assistant, 1910; Instructor in Experimental Pathology, 1910; Instructor in charge of Station, 1911.
- Birdseye, Miriam, B.A., Assistant Professor of Home Economics, 1914.
- Bizzell, James Adrian, B.S., M.S., Ph.D., Professor of Soil Technology in the Federal Experiment Station, 1912. Assistant Chemist, 1903; Assistant Professor of Soil Technology in the Federal Experiment Station, 1908.
- Blaker, Ernest, B.S., Ph.D., Assistant Professor of Physics, 1903. Assistant 1898; Instructor, 1901.
- Blakey, Roy G., A.B., A.M., Ph.D., Assistant Professor of Economics, 1912.
- Böck, Joseph C., Instructor in Chemistry, 1913. New York City.
- Boesche, Albert Wilhelm, A.B., Ph.D., Assistant Professor of German, 1910. Instructor, 1905-06.
- Bogert, George Gleason, A.B., LL.B., Assistant Professor of Law, 1913. Assistant in American History, 1906-08. Acting Assistant Professor of Law, 1911.
- Boring, Edmund Garrigues, M.E., M.A., Ph.D., Instructor in Psychology, 1913. Assistant, 1911.
- Bossange, E. Raymond, Ph.B., Professor of Design, 1914. Assistant Professor, 1913.
- Boulter, Lewis Henry, A.B., A.M., Instructor in English, 1914.
- Bowen, Ray Preston, A.B., Instructor in the Romance Languages and Literatures, 1914.
- Bown, Ralph A., M.E., Instructor in Physics, 1914. Assistant in Machine Design, 1912; Assistant in Physics, 1913.
- Bradford, Louis Jacquelin, B.S., Instructor in Machine Design, 1912.

- Bradley, James Chester, A.B., M.S., Ph.D., Assistant Professor of Systematic Entomology, 1911. Assistant, 1905-06; 1907-09.
- Brauner, Julius Frederick, jr., C.E., Instructor in Civil Engineering, 1910.
- Brauner, Olaf Martinus, Professor of Drawing and Painting in the College of Architecture, 1909. Instructor, 1895; Assistant Professor, 1898.
- Bretz, Julian Pleasant, A.B., Ph.D., Professor of American History, 1910. Assistant Professor, 1908.
- Bristol, George Prentice, A.B., A.M., Professor of Greek, 1898; Head of the Department, 1914; Director of the Summer Session, 1905, and Director of the School of Education, 1910. Assistant Professor, 1888; Associate Professor, 1890.
- Broughton, Leslie Nathan, A.B., A.M., Ph.D., Instructor in English, 1910.
- Broun, LeRoy, M.D., Clinical Instructor in Surgery, Department of Gynecology, 1906. New York City.
- Brown, Carrol Gardner, B.S. in E.E., Instructor in Electrical Engineering, 1913.
- Brown, George H., A.B., A.M., Instructor in the Romance Languages and Literatures, 1913. Acting Assistant Professor, 1912.
- Brown, Harold Warner, B.S., Instructor in Electrical Engineering, 1912.
- Brown, Thomas Benjamin, A.B., Instructor in Physics, 1912. Assistant, 1912.
- Browne, Arthur Wesley, B.S., M.S., Ph.D., Professor of Inorganic and Analytical Chemistry, 1910. Instructor, 1903; Assistant Professor, 1906.
- Buckman, Harry Oliver, M.S.A., Ph.D., Assistant Professor of Soil Technology, 1912. Assistant, 1910; Instructor, 1912.
- Bull, Henry Tilghman, C.E., 1st Lieutenant of 13th Cavalry, U.S.A., Professor of Military Science and Tactics, 1913.
- Bundy, Murray Wright, A.B., A.M., Instructor in English, 1914.
- Burdick, Charles Kellogg, A.B., LL.B., Professor of Law, 1914.
- Burgess, Robert Wilbur, A.B., Ph.D., Instructor in Mathematics, 1914. Assistant, 1912.
- Burke, Franklin T., M.D., Clinical Instructor in Surgery, Department of Laryngology and Rhinology, 1909. New York City. Assistant, 1901.
- Burnett, Samuel Howard, A.B., M.S., D.V.M., Professor of Comparative Pathology, 1913. Assistant, 1899; Instructor, 1901; Assistant Professor, 1908.
- Burnham, LeRoy P., S.B., M.S. in Arch., Assistant Professor of Architecture, 1914.
- Burr, George Lincoln, A.B., LL.D., Litt.D., Professor of Medieval History, 1902. Instructor in Modern History, 1881-84; Instructor in Anglo-Saxon, 1886-87; Instructor in Medieval and Modern History, 1888; Assistant Professor of History, 1889; Assistant Professor of Ancient and Medieval History, 1890; Associate Professor, 1891; Professor, 1892.
- Burritt, Maurice Chase, B.S. in Agr., M.S.A., Extension Professor and State Director of Farm Bureaus, 1914.
- Burrows, Earle Nelson, C.E., M.C.E., Instructor in Civil Engineering, 1910.
- Burrows, Montrose T., M.D., Instructor in Anatomy, 1911. New York City.
- Butts, Harry Williams, C.E., Instructor in Civil Engineering, 1914.
- Canfield, Ellen Brainard, Instructor in Sage College, in charge of Gymnasium for Women, 1894.
- Carpenter, Rolla Clinton, M.S., C.E., M.M.E., LL.D., Professor of Experimental Engineering, 1895. Associate Professor, 1890.
- Carver, Walter Buckingham, Ph.B., Ph.D., Assistant Professor of Mathematics, 1910. Instructor, 1906.
- Catlin, Welles Goodspeed, M.E., Instructor in Electrical Engineering, 1912.
- Cavanaugh, George Walter, B.S., Professor of Chemistry in its Relations to Agriculture, 1909. Assistant, 1891; Assistant Professor, 1903.

- Chamberlain, George Ray, M.E., Instructor in Freehand Drawing in the College of Architecture, 1906. Instructor in Industrial Drawing and Art, 1902-04.
- Chamberlain, Robert Franklin, M.E., Instructor in Electrical Engineering, 1911.
- Chamot, Emile Monnin, B.S., Ph.D., Professor of Sanitary Chemistry and Toxicology, 1910. Assistant, 1890; Instructor, 1891; Assistant Professor, 1901.
- Chandler, William Henry, B.S. in Agr., M.S. in Agr., Ph.D., Professor of Research in Pomology, 1913.
- Chupp, Charles, A.B., Instructor in Plant Pathology, 1914. Assistant, 1912.
- Church, Irving Porter, B.C.E., C.E., Professor of Applied Mechanics and Hydraulics, 1892. Assistant Professor of Civil Engineering, 1876; Associate Professor, 1891.
- Cilley, Arthur H., M.D., Clinical Instructor in Surgery, Department of Orthopedics, 1913. New York City.
- Clark, Roy Edwards, M.E., Instructor in Power Engineering, 1913.
- Coca, Arthur F., M.D., Instructor in Experimental Pathology, 1911. New York City.
- Cole, Lewis G., M.D., Professor of Radiology, 1913. New York City. Instructor, 1911.
- Coleman, Warren, A.B., A.M., M.D., Professor of Clinical Medicine and Applied Pharmacology, 1900. New York City. Instructor, 1898.
- Coley, William B., A.B., A.M., M.D., Professor of Clinical Surgery, 1909. New York City.
- Comfort, William Wistar, A.B., A.M., Ph.D., Professor of the Romance Languages and Literatures and Head of the Department, 1909. (Sabbatic leave.)
- Comstock, Anna Botsford, B.S., Assistant Professor of Nature Study, 1913. Lecturer in Nature Study, 1903; Lecturer Extension Teaching, 1906; Lecturer in Nature Study, 1907.
- Comstock, John Henry, B.S., Professor of Entomology and General Invertebrate Zoology, Emeritus, 1914. Instructor in Entomology, 1873; Assistant Professor, 1876; Professor, 1882.
- Conner, Lewis Atterbury, Ph.B., M.D., Professor of Clinical Medicine, 1900. New York City. Instructor, 1898.
- Conwell, Walter Lichtenhaeler, C.E., Instructor in Civil Engineering, 1911.
- Cooper, Lane, A.B., A.M., Ph.D., Assistant Professor of English, 1906. Instructor, 1902.
- Cornell, Walter Rodney, B.S., Instructor in Mechanics of Engineering, 1910. Instructor in Civil Engineering, 1909.
- Corwin, Charles Dudley, M.E., Instructor in Machine Design, 1910.
- Craig, Clyde Firman, A.B., Ph.D., Instructor in Mathematics, 1907. Assistant, 1906.
- Craig, William Thomas, Instructor in Plant Breeding, 1914.
- Crandall, Carl, C.E., Instructor in Civil Engineering, 1913.
- Crandall, Charles Lee, C.E., B.C.E., M.C.E., Professor of Railway Engineering and Geodesy, 1895. Instructor in Civil Engineering, 1873; Assistant Professor, 1875; Associate Professor, 1891; in charge of the College of Civil Engineering, 1902-06.
- Crane, Thomas Frederick, A.B., A.M., Ph.D., Litt.D., Professor of the Romance Languages and Literatures, Emeritus, 1909. Assistant Professor of South European Languages, 1868; Professor of Italian and Spanish, 1873; Professor of the Romance Languages and Literatures, 1881. Dean of the Faculty of Arts and Sciences, 1896-1902; Acting President of the University, 1899-1900; 1912-1913; Dean of the University Faculty, 1901.
- Crehore, Albert Cushing, A.B., Ph.D., Instructor in Therapeutics, 1912. New York City. Instructor in Physics, 1892-93; Instructor in Medical Physics, 1911.
- Creighton, James Edwin, A.B., Ph.D., LL.D., Sage Professor of Logic and Metaphysics, 1895. Dean of the Graduate School, 1914. Instructor in Philosophy, 1889; Associate Professor of Modern Philosophy, 1892.
- Crosby, Cyrus Richard, A.B., Extension Professor of Entomology, 1913. Entomologist, 1906; Assistant Professor of Entomological Investigations, 1909.
- Cross, Lewis Josephus, A.B., Ph.D., Professor of Agricultural Chemistry, 1914. Assistant in Chemistry, 1908; Instructor in Agricultural Chemistry, 1909; Assistant Professor, 1912.

- Crowell, Melvin Gleason, A.B., A.M., Instructor in English, 1912.
- Curtis, Otis Freeman, M.S., Instructor in Botany, 1913. Assistant in the Farm Course, 1912.
- Curtis, Ralph Wright, B.S.A., M.S.A., Assistant Professor of Landscape Art, 1913. Assistant in Nature Study, 1905-06.
- Dale, George Irving, A.B., Instructor in Romance Languages and Literatures, 1911.
- Dana, Charles Loomis, A.M., M.D., Professor of Clinical Medicine, Department of Neurology, 1898. New York City.
- Dann, Hollis Ellsworth, Mus.D., Professor of Music, 1907. Instructor, 1903. Assistant Professor, 1904.
- Daugherty, Robert Long, A.B., Assistant Professor of Hydraulics, 1914. Acting Assistant Professor of Mechanics of Engineering, 1910; Assistant Professor, 1912.
- Davidson, Hermann Christian, Ph.D., Assistant Professor of German, 1909. Instructor, 1907.
- Davis, Adam Clarke, jr., Instructor in Experimental Engineering, 1914.
- Davis, E. Gorton, B.S., Assistant Professor of Landscape Art, 1912. Assistant Professor of Rural Art, 1911.
- Davis, Henry Kennedy, A.B., Instructor in Anatomy, 1914. Assistant, 1912.
- Day, Ralph Burnette, M.E., Instructor in Mechanics, 1912.
- Deans, William, jr., Instructor in Electrical Engineering, 1914.
- DeGarmo, Charles, Ph.D., Professor of the Science and Art of Education, Emeritus, 1914. Professor, 1898; Dean of the Summer Session, 1898-1905.
- Dennis, Frederick Shepard, A.B., M.D., F.R.C.S., Professor of Clinical Surgery, Emeritus, 1910. New York City. Professor, 1898.
- Dennis, Louis Munroe, Ph.B., B.S., Professor of Inorganic Chemistry and Head of the Department of Chemistry, 1903. (Sabbatic leave, second term.) Instructor in Chemistry, 1887-89; Assistant Professor of Analytical Chemistry, 1891; Associate Professor, 1894; Professor, 1900.
- Diederichs, Herman, M.E., Professor of Experimental Engineering, 1907; in Charge of the Mechanical Laboratory, 1910. Assistant, 1898; Instructor, 1899; Assistant Professor, 1902.
- Diederichs, William Jacob, M.E., Instructor in Experimental Engineering, 1912.
- Dix, Edgar Hutton, Instructor in Experimental Engineering, 1914.
- Dresbach, Melvin, M.S., M.D., Assistant Professor of Physiology, 1910. Instructor, 1905; Assistant Professor of Pharmacology, 1909.
- Drew, William Lincoln, B.S., LL.B., Professor of Law, 1904. (Sabbatic leave.)
- Drummond, Alexander M., A.B., A.M., Instructor in Public Speaking, 1912. Instructor, 1907-10.
- DuBois, Eugene F., Instructor in Applied Pharmacology and Lecturer in Clinical Physiology. New York City.
- Durham, Charles Love, M.A., Ph.D., Professor of Latin, 1909. Instructor, 1897; Assistant Professor, 1901.
- Dynes, Oliver Wesley, B.S., M.S. in Agr., Instructor in Farm Crops, 1914. Student Assistant, 1910-11.
- Eames, Arthur Johnson, A.B., A.M., Ph.D., Assistant Professor of Botany in the College of Agriculture, 1914. Instructor, 1912.
- Eaton, Paul Burns, M.E., Instructor in Machine Design, 1911.
- Edgar, James Clifton, Ph.B., A.M., M.D., Professor of Obstetrics and Clinical Midwifery, 1898. New York City.
- Eggleston, Cary, M.D., Instructor in Materia Medica and Pharmacology, 1911. New York City.
- Ellenwood, Frank Oakes, A.B., Assistant Professor of Power Engineering, 1912. Acting Assistant Professor, 1911.
- Elliot, George Thomson, A.B., M.D., Professor of Clinical Surgery, Department of Dermatology, 1898. New York City.

- Elmer, Herbert Charles, A.B., Ph. D., Professor of Latin, 1909.
Acting Assistant Professor, 1888; Assistant Professor, 1890.
- Elser, William James, M.D., Professor of Bacteriology, 1909. New York City.
Assistant in Pathology, 1901; Instructor in Bacteriology, 1904; Assistant Professor, 1908.
- Elston, Ellsworth David, A.B., Instructor in Physical Geography, 1913.
Assistant, 1912.
- Embody, George Charles, B.S., M.S., Ph.D., Assistant Professor of Biology, 1912.
Instructor in Neurology and Vertebrate Zoology, 1909-10; Instructor in Biology, 1911.
- Emerson, Rollin Adams, Professor of Plant Breeding, 1914.
- English, Donald, B.S., M.B.A., Acting Assistant Professor of Economics, 1914.
- Erdman, Seward, A.B., M.D., Instructor in Clinical Surgery, 1911. New York City. Demonstrator of Anatomy, 1906-10.
- Everett, George Abram, A.B., LL.B., Assistant Professor of Extension Teaching, 1913. Assistant in Elocution and Oratory, 1899-01; Instructor, 1904; Assistant Professor, 1906-07; 1910-13.
- Ewing, James, A.M., M.D., Professor of Pathology, 1899. New York City.
- Faust, Albert Bernhardt, A.B., Ph.D., Professor of German, 1910; Head of Department, 1914.
Acting Assistant Professor, 1904; Assistant Professor, 1905.
- Ferguson, Jeremiah Sweetser, B.S., M.S., M.D., Secretary of the Medical Faculty, New York City, 1909. Instructor, 1898; Assistant Professor of Histology, 1908.
- Fippin, Elmer Otterbein, B.S. in Agr., Extension Professor of Soil Technology, 1911. (Leave of absence, second term.) Assistant Professor, 1905; Professor, 1909.
- Fish, Pierre Augustine, B.S., D.Sc., D.V.S., D.V.M., Professor of Veterinary Comparative Physiology and Pharmacology, 1902. Instructor, 1890; Assistant Professor, 1896.
- Fisk, Walter Warner, B.S. in Agr., M.S. in Agr., Assistant Professor of Dairy Industry, 1913. Assistant, 1910; Instructor, 1911.
- Fitch, Clifford Penny, B.S., M.S., D.V.M., Assistant Professor of Veterinary Bacteriology, 1913. Assistant, 1909; Instructor, 1911.
- Fitzpatrick, Harry Morton, A.B., Ph.D., Assistant Professor of Plant Pathology, 1913. Assistant in Botany, 1908; Instructor in Plant Pathology, 1911.
- Fleming, Bryant, B.S.A., Professor of Landscape Art, 1912. Lecturer, 1904; Assistant Professor, 1907; Professor of Rural Art, 1911.
- Flint, Austin, M.D., LL.D., Professor of Physiology, Emeritus, 1906. New York City. Professor, 1898.
- Floyd, Rolfe, M.D., Instructor in Clinical Medicine, 1911. New York City.
- Ford, Walter Stebbins, M.E., Assistant Professor of Electrical Engineering, 1908.
Instructor, 1904.
- Foster, Nellis Barnes, M.D., Assistant Professor of Clinical Medicine, 1914. New York City. Instructor, 1913.
- Foster, William Silliman, A.B., Ph.D., Instructor in Psychology, 1913. Assistant, 1909.
- Fox, Daniel Scott, B.S., Instructor in Farm Management, 1913.
- Francis, Daniel Robert, E.E., B.A., Instructor in Mechanics of Engineering, 1909.
- Fraser, Allan Cameron, B.S., Instructor in Plant Breeding, 1914. Assistant, 1913.
- Fraser, David Kennedy, B.Sc., M.A., Assistant Professor of Education, 1914.
Assistant in Educational Psychology, 1913.
- Freeman, Henry Livingston, B.S., E.E., M.M.E., Instructor in Machine Design, 1907. (Absent on leave.) Instructor, 1903-1906.
- Frink, Howard Westlake, M.D., Instructor in Clinical Medicine, 1914. New York City.
- Frost, James Nathan, D.V.M., Assistant Professor of Veterinary Surgery, 1913.
Assistant, 1907; Instructor, 1908.

- Gage, Simon Henry, B.S., Professor of Histology and Embryology, Emeritus, 1908. Instructor in Microscopy and Practical Physiology, 1877-80; Assistant Professor of Physiology and Lecturer on Micro-Technology, 1881; Associate Professor, 1889; Associate Professor of Anatomy, Histology, and Embryology, 1893; Professor, 1895; Professor of Microscopy, Histology, and Embryology, 1896; Professor of Histology and Embryology, 1902.
- Gage, Victor Raymond, M.E., M.M.E., Assistant Professor of Experimental Engineering, 1912. Instructor, 1907.
- Galloway, Beverly Thomas, B.Agr. Sc., LL.D., Director of the College of Agriculture, and Director of the Experiment Station, 1914.
- Garner, Enoch Francis, M.E., Instructor in Machine Design, 1913. Instructor, 1907-10.
- Garrett, Seymour Stanton, C.E., Assistant Professor of Mechanics of Engineering, 1910. Instructor in Civil Engineering, 1906-08.
- Gelas, Jean Marius, Instructor in Fencing, 1907. Assistant, 1905.
- George, Sidney Gonzales, C.E., Assistant Professor of Applied Mechanics, 1908. Instructor in Civil Engineering, 1905-07.
- Gerster, John C. A., M.D., Instructor in Operative Surgery, 1914. New York City.
- Gibbs, Roswell Clifton, A.B., A.M., Ph.D., Assistant Professor of Physics 1912. Assistant, 1906; Instructor, 1906.
- Gibson, Charles Langdon, A.B., M.D., Assistant Professor of Surgery, 1912, New York City. Clinical Instructor in Diseases of the Genito-Urinary System, 1900; Instructor in Surgery, 1902; Professor of Clinical Surgery, 1906.
- Gibson, Kasson Stanford, A.B., Instructor in Physics, 1913. Assistant, 1912.
- Gibson, William Albert, A.B., M.E., Instructor in Experimental Engineering, 1914. Assistant in Machine Design, 1913.
- Gilbert, Allan H., A.B., Ph.D., Instructor in English, 1912.
- Gilbert, Arthur Witter, B.Sc., M.S. in Agr., Ph.D., Professor of Plant Breeding, 1911. Assistant, 1908; Assistant Professor, 1909.
- Gilkey, Royal, B.S. in Agr., Assistant Professor of Extension Teaching, 1914. Instructor, 1911.
of the Mailing Division and Reading Courses, 1911.
- Gill, Adam Capen, A.B., Ph.D., Professor of Mineralogy and Petrography, 1910. Assistant Professor, 1894.
- Gillespie, David Clinton, A.B., M.A., Ph.D., Assistant Professor of Mathematics, 1911. Instructor, 1906.
- Goodridge, Malcolm, M.D., Instructor in Therapeutics, 1910. New York City.
- Graham, Robert William, E.E., Instructor in Machine Design, 1913.
- Gregory, Charles Truman, B.S. in Agr., Assistant Professor of Plant Pathology, 1914. Assistant, 1911; Instructor, 1912.
- Gudernatsch, J. F., Ph.D., Instructor in Embryology and Histology, 1909. New York City.
- Guerlac, Othon Goepp, Licencié ès lettres, M.A., LL.B., Assistant Professor of Romance Languages, 1904. Instructor, 1906.
- Guthrie, Edward Sewall, B.S.A., M.S.A., Ph.D., Professor of Dairy Industry, 1913. Instructor and Investigator in Dairy Industry, 1908.
- Gutsell, Hiram Samuel, B.P., A.M., Instructor in Freehand Drawing and Modeling in the College of Architecture, 1904. Instructor in Drawing and Industrial Art, 1888.
- Ham, Clarence Walter, B.M.E., M.E., Assistant Professor of Machine Design, 1914. Instructor, 1907.
- Hamilton, George Livingstone, A.B., A.M., Ph.D., Assistant Professor of the Romance Languages and Literatures, 1911.
- Hamlen, George Dempster, A.B., A.M., M.D., Instructor in Obstetrics and Clinical Surgery, Department of Gynecology, 1898. New York City.

- Hammond, William Alexander, B.A., A.M., Ph.D., Sage Professor of Ancient Philosophy and of Aesthetics, 1908; Secretary of the University Faculty. Instructor in Greek Philosophy, 1891; Assistant Professor of Ancient and Medieval Philosophy, 1892; Assistant Professor of Ancient and Medieval Philosophy and Aesthetics, 1903.
- Hardenburg, Earle Volcart, B.S., Instructor in Farm Crops, 1912.
- Harper, Merritt Wesley, B.Sc., M.S., Professor of Animal Husbandry, 1913. Assistant, 1905; Instructor, 1906; Assistant Professor, 1907.
- Harris, George William, Ph.B., Librarian, 1890. Assistant Librarian, 1873; Acting Librarian, 1883.
- Harris, Gilbert Dennison, Ph.B., Professor of Paleontology and Stratigraphic Geology, 1909. Assistant Professor, 1894.
- Hart, James Morgan, A.B., A.M., J.U.D., Litt.D., Professor of the English Language and Literature, Emeritus, 1907. Assistant Professor of South European Languages, 1868; Assistant Professor of North European Languages, 1869-73; Professor of Rhetoric and English Philology, 1890.
- Hartwell, John Augustus, Ph.B., M.D., Professor of Clinical Surgery, 1909 and Assistant Professor of Surgery, 1911. New York City. Instructor in Physiology, 1898; Assistant Professor, 1901.
- Haskell, Eugene Elwin, B.C.E., C.E., Director of the College of Civil Engineering, and Professor of Experimental Hydraulics, 1906.
- Haskell, Royal Joslyn, B.S.A., Instructor in Plant Pathology, 1913.
- Hastings, Thomas Wood, A.B., M.D., Professor of Clinical Pathology, 1907. New York City. Assistant, 1901; Instructor, 1903.
- Hatcher, Robert Anthony, Ph.G., M.D., Professor of Pharmacology, 1911. New York City. Instructor in Materia Medica, 1904; Assistant Professor of Pharmacology, 1906; Professor of Pharmacology and Materia Medica, 1908.
- Hayden, Charles Ernest, A.B., D.V.M., Assistant Professor of Physiology, Veterinary College, 1914. Assistant, 1909; Instructor, 1910.
- Hayes, Alfred, A.B., A.M., LL.B., Professor of Law, 1907.
- Hayes, Leslie David, B.S., M.E., Assistant Professor of Machine Design, 1910. Instructor, 1907.
- Haynes, Irving Samuel, Ph.B., M.D., Professor of Applied Anatomy and Clinical Surgery, 1911. New York City. Professor of Practical Anatomy, 1898.
- Hazard, Blanche Evans, A.B., A.M., Assistant Professor of Home Economics, 1914.
- Hazen, Leslie Eugene, B.S. in Agr., Instructor in Rural Engineering, 1913. Instructor in Farm Mechanics, 1913.
- Hebel, John William, A.B., A.M., Instructor in English, 1914.
- Heimann, Walter J., M.D., Clinical Instructor in Surgery, Department of Dermatology, 1913. New York City.
- Heinecke, Arthur John, B.S.A., M.A., Instructor in Pomology.
- Herrick, Glenn Washington, B.S. in Agr., Professor of Economic Entomology, 1912. Assistant Professor, 1909.
- Hesler, Lexemuel Ray, A.B., Assistant Professor of Plant Pathology, 1914. Instructor, 1912.
- Hess, Howard Drysdale, M.E., Professor of Machine Design, 1910. Assistant Professor, 1905.
- Hewett, Waterman Thomas, A.B., Ph.D., Professor of German Emeritus, 1910. Assistant Professor of North European Languages, 1870; Professor of German Language and Literature, 1883; Head of Department of German, 1902.
- Hirshfeld, Clarence Floyd, B.S., M.M.E., Professor of Power Engineering, 1909. (Sabbatic leave.) Instructor in Experimental Engineering, 1903; Assistant Professor of Steam Engineering, 1905; Assistant Professor of Power Engineering, 1908.
- Hitzrot, James Morley, A.B., M.D., Assistant Professor of Clinical Surgery, 1912. New York City. Instructor, 1904.

- Hoag, Arthur E., M.D., Instructor in Surgery, 1912. New York City.
- Hoch, August, M.D., Professor of Clinical Medicine, Department of Psychopathology, 1910. New York City. Assistant Professor, 1909.
- Hoguet, J. P., M.D., Instructor in Surgery, 1911. New York City.
- Holt, Frank, A.B., Instructor in German, 1912.
- Hook, Joseph Stanley, A.B., A.M., Instructor in Economic Geology, 1912.
- Hook, Warren Howard, M.E., Instructor in Experimental Engineering, 1910.
- Hopkins, Grant Sherman, B.S., D.Sc., D.V.M., Professor of Comparative Anatomy and Anatomical Methods, 1903. Assistant, 1889; Instructor, 1890; Assistant Professor, 1896.
- Hopper, Herbert Andrew, B.S.A., M.S., Extension Professor of Animal Husbandry, 1913.
- Horn, Howard Fischer, B.Arch., Instructor in Architecture, 1914.
- Hosmer, Ralph Sheldon, B.S.A., M.F., Professor of Forestry, 1914.
- Hotchkiss, Herbert V., C.E., Instructor in Civil Engineering, 1914.
- Hottes, Alfred Carl, B.S., M.S. in Agr., Instructor in Floriculture, 1914. Assistant in Entomology, 1912; Assistant in Floriculture, 1913.
- Hoy, David Fletcher, B.S., M.S., Registrar, 1895. Assistant Registrar, 1891.
- Hubbard, Francis A., A.B., M.E.E., Instructor in Electrical Engineering, 1914.
- Hugins, Charles Roland, A.B., Instructor in Economics, 1914. Assistant in Public Speaking, 1909-10; Assistant in Economics, 1912-13.
- Hull, Charles Henry, Ph.B., Ph.D., Goldwin Smith Professor of American History, 1912. Instructor in Political and Social Institutions, 1892; Assistant Professor of Political Economy, 1893; Professor of American History, 1901; Dean of the Faculty of Arts and Sciences, 1908-13.
- Hunn, Anna, B.S., Instructor in Home Economics, 1912.
- Hunter, Andrew, M.A., B.Sc., M.B., Ch.B., Assistant Professor of Biochemistry, 1908. (Absent on leave.)
- Huntoon, Frank McElroy, M.D., Instructor in Bacteriology, 1909. New York City. Assistant, 1905.
- Hurd, Louis Merwin, Extension Instructor in Poultry Husbandry, 1914. Assistant, 1909.
- Hurwitz, Wallie Abraham, Ph.D., Assistant Professor of Mathematics, 1914. Instructor, 1910.
- Hussey, Thomas Armond, M.E., Instructor in Machine Design, 1912.
- Hutchinson, John Irwin, A.B., Ph.D., Professor of Mathematics, 1910. Instructor 1894; Assistant Professor, 1903.
- Irvine, Frank, B.S., LL.B., Professor of Practice and Procedure in the College of Law, 1901, and Dean of the Law Faculty and Director of the College of Law, 1907. (Sabbatic leave.)
- Jackson, Henry Wirt, M.D., Instructor in Clinical Medicine, 1914. New York City. Assistant, 1913.
- Jacoby, Henry Sylvester, C.E., Professor of Bridge Engineering, 1897. Assistant Professor, 1890; Associate Professor, 1894.
- Jagger, Ivan Claude, B.S. in Agr., B.S.A., M.S.A., Assistant Professor of Plant Pathology, 1914. Instructor, 1913.
- Jensen, Gerard, Ph.D., Instructor in English, 1913.
- Johannsen, Oskar Augustus, B.S., A.M., Ph.D., Assistant Professor of Biology, 1913. Instructor in Civil Engineering, 1899; Assistant Professor, 1904-09; Assistant Professor of Biology, 1912.
- Johnson, Alvin Saunders, A.B., A.M., Ph.D., Professor of Economics, 1912.
- Johnson, Howard Eckler, D.V.M., Instructor in Veterinary Anatomy, 1914.
- Johnston, James Chew, A.B., M.D., Assistant Professor of Clinical Surgery, Department of Dermatology, 1908. New York City. Demonstrator in Pathology, 1898; Instructor, 1899.

- Jones, Edward Tompkins, M.E., Instructor in Power Engineering, 1912.
- Jones, Horace Leonard, A.B., A.M., Ph.D., Assistant Professor of Greek, 1910.
- Kahn, Ely Jacques, B.A., B.Arch., Acting Professor of Design, 1914.
- Karapetoff, Vladimir, C.E., Professor of Electrical Engineering, 1908.
Assistant Professor, 1904.
- Keays, Frederick Love, A.B., M.D., Instructor in Physical Diagnosis, 1902.
New York City.
- Keniston, Ralph Hayward, A.B., A.M., Ph.D., Assistant Professor of Romance Languages and Literatures, 1914.
- Kennedy, Robert Foster, M.D., F.R.S.E., Assistant Professor of Clinical Medicine, Department of Neurology, 1914. New York City. Instructor, 1910.
- Kent, Olney Brown, B.S., Instructor in Poultry Husbandry, 1913.
- Kerr, Abram Tucker, B.S., M.D., Professor of Anatomy, 1904, and Secretary of the Ithaca Division of the Medical College, 1902. Assistant Professor, 1900.
- Keyes, Edward Loughboro, jr., A.B., Ph.D., M.D., Professor of Clinical Surgery, Department of Urology, 1910. New York City.
Assistant, 1898; Instructor, 1899.
- Kimball, Dexter Simpson, A.B., M.E., Professor of Machine Design and Construction, 1904. Assistant Professor 1898-1901; Acting Director of Sibley College, second term, 1911-12.
- King, Robert Waldo, A.B., Instructor in Physics, 1912. Assistant, 1912.
- Kingery, Hugh McMillan, B.A., M.A., Instructor in Histology and Embryology, 1914. Assistant, 1912.
- Kingsbury, Benjamin Freeman, A.B., M.S., Ph.D., M.D., Professor of Histology and Embryology, 1908. Instructor, 1896; Assistant Professor, 1899; Assistant Professor of Physiology, Medical College, 1902.
- Klinck, Fred Edgar, M.E., Instructor in Experimental Engineering, 1910.
- Knapp, Halsey, B.S., M.S. in Agr. Assistant Extension Professor of Pomology, 1913. Assistant, 1911; Instructor, 1913.
- Knoetge, Carl H., Instructor in Civil Engineering, 1914.
- Knowlton, Helen, A.B., Instructor in Home Economics, 1913. Assistant, 1912.
- Knudson, Lewis, B.S.A., Ph.D., Assistant Professor of Botany, 1913. Assistant in Plant Physiology, 1908; Instructor 1908; Assistant Professor, 1911.
- Knudson, William Warren, B.S., Instructor in Vegetable Gardening, 1914.
- Koenig, Frederick F., D.V.M., Assistant Professor of Veterinary Medicine, 1914.
Assistant, 1909; Instructor, 1910.
- Ladd, Carl Edwin, B.S. in Agr., Instructor and Investigator in Farm Management, 1912. Assistant in Soil Technology, 1911.
- Lambert, Alexander, A.B., Ph.B., M.D., Professor of Clinical Medicine, 1898.
New York City.
- Landt, James Lefferts, Instructor in Experimental Engineering, 1914.
- Lauman, George Nieman, B.S.A., Professor of Rural Economy, 1909.
Assistant in Horticulture, 1897; Instructor, 1899; Instructor in Rural Economy, 1903; Assistant Professor, 1905.
- Law, James, F.R.C.V.S., Professor of the Principles and Practice of Veterinary Medicine, Emeritus, 1908.
Professor of Veterinary Medicine and Surgery, 1868; Professor of the Principles and Practice of Veterinary Medicine, Veterinary Science, and Veterinary Therapeutics, 1896; Director of New York State Veterinary College and Dean of Faculty of Veterinary Medicine, 1896.
- Lawrence, Leonard Alexander, B.S., Instructor in Civil Engineering, 1907.
- Lee, Burton James, A.B., Ph.B., M.D., Instructor in Clinical Surgery, 1909, and in Surgical Pathology, 1913. New York City. Assistant Demonstrator, 1903; Demonstrator, 1904.
- Lee, Myron A., M.E., M.M.E., Instructor in Machine Design, 1910.
- Leland, Emmons William, B.S. in Agr., Superintendent of Soil Technology in Experiment Field, 1913. Assistant in Soil Technology, 1909.

- Leland, Ora Miner, B.S. (C.E.), Assistant Professor of Astronomy and Geodesy, 1906. Instructor in Civil Engineering, 1903.
- Lemon, Burton Judson, A.B., Ph.D., Instructor in Chemistry, 1909. Assistant, 1908.
- L'Esperance, Elise S., M.D., Instructor in Pathology, 1911. New York City. Assistant, 1910.
- Livermore, Josiah Randall, B.S., Instructor in Plant Breeding, 1914. Assistant, 1913.
- Livermore, Kenneth Carter, B.S. in Agr., Professor of Farm Management, 1913. Instructor in Farm Crops, 1909; Instructor and Investigator, 1910; Assistant Professor of Farm Management, 1911.
- Lloyd, John Thomas, A.B., Instructor in Limnology, 1913. Assistant in Biology, 1909; Assistant in Limnology, 1912.
- Love, Harry Houser, B.S., M.A., Ph.D., Professor of Plant Breeding, 1912. Assistant, 1908; Assistant Professor of Plant Breeding in the Federal Experiment Station, 1909.
- Lumsden, David, Assistant Professor of Floriculture, 1914.
- Lundell, Gustav Ernst Fredrick, A.B., Ph.D., Assistant Professor of Chemistry, 1913. Assistant, 1906; Instructor, 1907.
- Lunt, William Edward, Ph.D., Professor of Modern European History, 1912.
- Lusk, Graham, Ph.D., Sc.D., F.R.S. (Edin.) Professor of Physiology, 1909. New York City.
- Lyon, Thomas Lyttleton, B.S. in Agr., Ph.D., Professor of Soil Technology in the Federal Experiment Station, 1906.
- McAuliffe, George Birmingham, A.B., M.D., Clinical Instructor in Surgery, Department of Otology, 1904. New York City.
- McCloskey, Alice Gertrude, A.B., Assistant Professor of Rural Education, 1913. Assistant in Nature Study, 1899; Lecturer, 1909; Associate in Rural Education, 1911.
- McCurdy, John Clarence, B.S., C.E., Instructor in Civil Engineering, 1907.
- McCurdy, John T., M.D., Clinical Instructor in Medicine, Department of Psychopathology, 1913. New York City.
- McDaniels, Lawrence Howland, A.B., Instructor in Botany, 1914. Assistant, 1912.
- McDermott, George Robert, Professor of Structural Design, 1909. Assistant Professor of Naval Architecture, 1892; Professor, 1905.
- McInerney, Thomas Joseph, B.S. in Agr., M.S. in Agr., Instructor in Dairy Industry, 1912. Assistant, 1910.
- McKelvey, Joseph Vance, A.B., A.M., Ph.D., Instructor in Mathematics, 1909.
- MacKenzie, David W., M.D., Clinical Instructor in Surgery, Department of Urology, 1910. New York City. Assistant, 1909.
- McMahon, James, A.B., A.M., Professor of Mathematics, 1904. Instructor, 1884; Assistant Professor, 1890.
- Macomber, George Stanley, M.E., Assistant Professor of Electrical Engineering, 1905. (Sabbatic leave.) Instructor, 1901.
- McVetty, Percy George, M.E., Instructor in Engineering Research, 1914. Instructor in Mechanical Laboratory, 1913.
- Mahood, Samuel Arthur, B.Sc., M.A., Instructor in Chemistry, 1913. Assistant, 1912.
- Mallory, William Garfield, A.B., A.M., Instructor in Physics, 1914. Assistant, 1910-11.
- Mann, Albert Russell, B.S.A., Secretary, Registrar, and Professor of Agricultural Editing, 1910. Assistant Professor of Dairy Industry, 1908; Assistant to Director and Editor, 1908; Secretary to the College of Agriculture, 1909.
- Martin, Clarence Augustine, Professor of Architecture, 1904, and Director of the College of Architecture, 1908. Instructor, 1894; Assistant Professor, 1895.
- Mason, James Frederick, A.B., Ph.D., Professor of Romance Languages, 1914. Instructor, 1909; Assistant Professor, 1912.
- Massey, Louis M., A.B., Instructor in Plant Pathology, 1914.

- Matheson, Robert, B.S.A., M.S. in Agr., Ph.D., Assistant Professor of Entomology, 1914.
 Assistant in Entomology, 1909; Assistant in Biology, 1910; Instructor, 1911; Assistant Professor, 1912; Investigator in Entomology, 1913.
- Matthews, Robertson, M.E., Assistant Professor of Power Engineering, 1913.
 Instructor in Machine Design, 1907; Instructor in Power Engineering, 1908.
- Mauxion, Georges, A.D.G., Professor of Design in the College of Architecture, 1911.
- Mayer, Edwin Charles, A.B., Instructor in Physics, 1911. Assistant, 1909.
- Meara, Frank Sherman, A.B., Ph.D., M.D., Professor of Therapeutics, 1909.
 New York City.
- Merritt, Ernest George, M.E., Professor of Physics, 1903.
 Instructor, 1889; Assistant Professor, 1892. Dean of the Graduate School, 1909-14.
- Midjo, Christian, Assistant Professor of Freehand Drawing in the College of Architecture, 1912. Instructor, 1909.
- Milks, Howard Jay, D.V.M., Professor of Materia Medica and Director of the Small Animal Clinic (Veterinary), 1914.
 Assistant in Physiology, 1903-05; Assistant Professor of Materia Medica and Therapeutics, 1909; Professor of Therapeutics and Clinical Medicine and of Surgery of Small Animals, 1913.
- Mills, Adelbert Philo, B.S., M.S., Assistant Professor of Materials in the College of Civil Engineering, 1910. Acting Assistant Professor, 1909.
- Mills, Grover Cleveland, B.M.E., Instructor in Machine Design, 1911.
- Minns, Lua Alice, B.S., Instructor in Floriculture, 1914.
- Misner, E. G., Extension Instructor in Farm Management, 1914.
- Moler, George Sylvanus, A.B., B.M.E., Professor of Physics, 1911.
 Instructor, 1875; Assistant Professor, 1880.
- Monnett, Victor Elvert, A.B., Instructor in Geology, 1913.
- Monroe, Benton Sullivan, A.B., A.M., Ph.D., Assistant Professor of English, 1912.
 Assistant, 1897; Instructor, 1900.
- Montgomery, Edward Gerrard, M.A., Professor of Farm Crops, 1911.
- Montillon, Eugene Davis, B.Arch., Instructor in Landscape Art, 1912.
 Assistant, 1911.
- Moody, Frank Benjamin, A.B., M.S.F., Extension Professor of Forestry, 1913.
- Moore, Albertus Adair, M.D., Instructor in Obstetrics, 1902. New York City.
- Moore, Veranus Alva, B.S., M.D., V.M.D., Director of the New York State Veterinary College, 1908, and Professor of Comparative Pathology, Bacteriology, and Meat Inspection, 1896.
- Mordoff, Richard Alan, B.S. in Agr., Assistant Registrar, College of Agriculture, 1913. Assistant in Physical Geography, 1909-10; 1912-13. Assistant Registrar, 1910-11.
- Mosely, Ralph Sylvanus, Instructor in Poultry Husbandry, 1914. Assistant, 1913.
- Muchmore, Guy Brooks, A.B., Assistant Professor of Public Speaking, 1913.
- Muldoon, William E., D.V.M., Instructor in Materia Medica (Veterinary), 1913.
- Munns, Lua Alice, B.S., Instructor in Floriculture, 1914. Assistant, 1912.
- Murdock, Carleton Chase, B.S., Instructor in Physics, 1914. Instructor, 1909-13.
- Murlin, John Raymond, A.M., Ph.D., Assistant Professor of Physiology, 1909.
 New York City.
- Myers, Clyde Hadley, B.S., M.S., Ph.D., Professor of Plant Breeding, 1914.
 Extension Instructor, 1911; Assistant Professor, 1912.
- Myers, Glenn E., M.D., Clinical Instructor in Medicine, Department of Psychopathology, 1912. New York City.
- Nammack, Charles Edward, Ph.B., M.D., LL.D., Professor of Clinical Medicine, 1898. New York City.
- Needham, James George, B.S., M.S., Ph.D., Professor of General Biology, Limnology, and Nature Study, 1911. Head of Department of Entomology, 1914. Assistant Professor, 1906.

- Nichols, Edward Leamington, B.S., Ph.D., LL.D., Professor of Physics, 1887, and Dean of the Faculty of Arts and Sciences, 1913.
- Niles, Walter Lindsay, M.D., Assistant Professor of Clinical Medicine, 1912. New York City. Instructor, 1904.
- Northup, Clark Sutherland, A.B., Ph.D., Assistant Professor of English, 1903. Assistant, 1895; Instructor, 1897.
- Ogden, Henry Neely, C.E., Professor of Sanitary Engineering, 1908. (Sabbatic leave, second term.) Instructor in Civil Engineering, 1889-92; Assistant Professor 1898; Assistant Professor of Sanitary Engineering, 1903.
- Orndorff, William Ridgley, A.B., Ph.D., Professor of Organic and Physiological Chemistry, 1903. Instructor, 1887; Assistant Professor, 1890.
- Orth, Samuel Peter, B.S., Ph.D., Professor of Political Science, 1913. Acting Professor, 1912.
- Osterberg, Emil, Instructor in Chemistry, 1911. New York City. Assistant, 1906.
- Otis, Charles Herbert, Ph.D., Instructor in Botany in the College of Arts and Sciences, 1913.
- Overholser, Earl Long, M.S.A., Instructor in Pomology, 1914.
- Owens, Frederick William, Ph.D., Instructor in Mathematics, 1907.
- Page, E. R., Instructor in Electrical Engineering, 1914.
- Paine, Ernest Trowbridge, A.M., Secretary of the College of Arts and Sciences, 1913.
- Parmley, Henry Mark, M.E., Instructor in Applied Mechanics, 1913. Instructor in Power Engineering, 1909.
- Parson, John Thomas, Assistant Professor of Drawing in the College of Civil Engineering, 1908. Instructor in Civil Engineering, 1895; Assistant Professor, 1903.
- Patch, Roland Harrison, Instructor in Floriculture, 1913. Assistant, 1912.
- Pearson, Henry, M.D., Clinical Instructor in Anesthesia. New York City.
- Peirce, Clarence Andrew, A.B., M.E., Instructor in Power Engineering, 1913. Instructor in Machine Design, 1911.
- Pertsch, John George, jr., M.E., Instructor in Electrical Engineering, 1910. Assistant, 1909.
- Peters, Heber Wallace, A.B., Secretary of the University and University Publisher, 1914.
- Phelps, Albert Charles, B.S., M.Arch., Professor of Architecture, 1913. Instructor, 1899; Assistant Professor, 1903.
- Phillips, Harold Deane, A.B., B.S. in Agr., Instructor in Rural Economy, 1914.
- Pickens, Earl Max, D.V.S., Assistant Professor of Diagnosis (Veterinary), 1914. Assistant, 1911; Instructor, 1912.
- Pickerill, Horace Mann, B.S. in Agr., Instructor in Dairy Industry, 1912. Assistant, 1911.
- Pidgeon, Howard A., B.S., M.S., Instructor in Physics, 1914. Assistant, 1913.
- Polk, William Mecklenburg, M.D., LL.D., Professor of Clinical Surgery, Department of Gynecology, 1898; Director of the Medical College and Dean of the Faculty, 1898. New York City.
- Pond, Miles Albion, Ph.B., Assistant Professor of Civil Engineering, 1907. Instructor, 1902.
- Pope, Paul Russel, A.B., Ph.D., Assistant Professor of German, 1906. Instructor, 1902.
- Power, Carlton Elderkin, B.S., Instructor in Physics, 1912. Assistant, 1910.
- Prescott, Frederick Clarke, A.B., Assistant Professor of English, 1903. Assistant Professor of Rhetoric, 1897.
- Pumpelly, Laurence, A.B., Ph.D., Assistant Professor of the Romance Languages and Literatures, 1914. Assistant in Chemistry, 1908-09; Instructor in the Romance Languages and Literatures, 1910.
- Rankin, William Howard, A.B., Assistant Professor of Plant Pathology, 1914. Instructor, 1912.

- Ranum, Arthur, A.B., Ph.D., Assistant Professor of Mathematics, 1910.
Assistant, 1904; Instructor, 1906.
- Rasmussen, Andrew Theodore, A.B., Instructor in Physiology, 1914.
Assistant, 1913.
- Recknagel, Arthur Bernhard, B.A., M.F., Professor of Forestry, 1913.
- Reddick, Donald, A.B., Ph.D., Professor of Plant Pathology, 1911.
Assistant in Botany, 1905; Assistant in Plant Physiology, 1907; Instructor
1908; Assistant Professor of Plant Pathology, 1909.
- Redfield, Harry Westfall, B.S., Ph.D., Instructor in Chemistry, 1907.
- Reed, Howard Lyle, A.B., Ph.D., Instructor in Economics, 1914.
- Reed, Hugh Daniel, B.S., Ph.D., Assistant Professor of Neurology and Vertebrate Zoology, 1906. Assistant, 1900; Instructor, 1902.
- Reese, Robert Grigg, Ph.G., M.D., Professor of Clinical Surgery, Department of Ophthalmology, 1911. New York City.
Clinical Assistant, 1898; Instructor, 1899.
- Rettger, Ernest William, A.B., Ph.D., Assistant Professor of Applied Mechanics, 1908. Instructor in Civil Engineering, 1907.
- Reyna, Juan Estevan, E.E., Instructor in Agricultural Drawing, 1912.
- Rice, Frank Elmore, A.B., Instructor in Agricultural Chemistry, 1912. Assistant, 1909.
- Rice, James Edward, B.S. in Agr., Professor of Poultry Husbandry, 1907.
Assistant, 1892-93; Assistant Professor, 1903.
- Richards, John Harold, M.D., Instructor in Clinical Pathology, 1911. New York City. Assistant, 1907.
- Richtmyer, Floyd Karker, A.B., Ph.D., Assistant Professor of Physics, 1911.
Assistant, 1903-04; Instructor, 1906.
- Ries, Heinrich, Ph.B., A.M., Ph.D., Professor of Economic Geology, 1906;
Head of the Department of Geology, 1914.
Instructor, 1898; Assistant Professor, 1902.
- Riley, Benjamin P., M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery, 1913.
- Riley, Howard Wait, M.E., Professor of Rural Engineering, 1913.
Instructor in Experimental Engineering, 1906; Instructor in Farm Mechanics, 1907; Assistant Professor, 1909; Professor, 1912.
- Riley, William Albert, B.S., Ph.D., Professor of Insect Morphology and Parasitology, 1912. (Sabbatic leave, second term.) Assistant, 1899; Instructor, 1901; Assistant Professor, 1906.
- Robb, Byron Burnett, B.S. in Agr., M.S. in Agr., Assistant Professor of Rural Engineering, 1913. Assistant in Farm Mechanics, 1910; Instructor, 1911.
- Robbins, William Jacob, A.B., Instructor in Botany, 1913.
Assistant in Plant Physiology, 1912.
- Roberts, Isaac Phillips, M.Agr., Professor of Agriculture, Emeritus, 1903.
Assistant Professor of Agriculture, 1873; Professor of Agriculture, 1874; Director of Agricultural Experiment Station, 1888; Director of College of Agriculture, 1890; Dean of Faculty of Agriculture, 1896; Lecturer in Agriculture, 1903-06.
- Robinson, Montgomery, Litt.B., Instructor in Extension Teaching, 1914.
Assistant, 1913.
- Rodgers, Ralph Chapman, M.E., A.M., Instructor in Physics, 1907. Assistant, 1905.
- Rogers, Francis Elton, B.S., Extension Instructor in Pomology, 1914.
Assistant, 1913.
- Rogers, Fred Stillman, M.E., Instructor in Machine Design, 1914.
- Rogers, John, A.B., Ph.D., M.D., Professor of Clinical Surgery, 1909. New York City. Instructor, 1898.
- Roper, Joseph Charles, M.D., Clinical Instructor in Medicine, Department of Pediatrics, 1911. New York City. Assistant Instructor in Histology, 1901-06.
- Rose, Flora, B.S., M.A., Professor of Home Economics, 1911. Lecturer, 1907.
- Rosenbaum, Joseph, B.S.A., Extension Instructor in Botany in the College of Agriculture, 1914. Assistant in Plant Pathology, 1911; Instructor, 1913.

- Ross, Harold Ellis, B.S.A., M.S. in Agr., Professor of Dairy Industry, 1912. Assistant, 1906; Instructor, 1907; Assistant Professor, 1909.
- Rowlee, Willard Winfield, B.L., D.Sc., Professor of Botany in the College of Arts and Sciences, 1906. Instructor, 1889; Assistant Professor, 1893.
- Saby, Rasmus S., Ph.D., Assistant Professor of Political Science, 1912. Assistant, 1909; Instructor in Economics, 1910.
- Sampson, Martin Wright, B.A., M.A., Goldwin Smith Professor of English Literature, 1912, and Head of the Department of English, 1909. Acting Professor, 1908; Professor, 1909.
- Santee, Harold Elmore, A.B., M.D., Instructor in Operative Surgery and Obstetrics, 1914. Assistant, 1913.
- Savage, Elmer Seth, B.S. in Agr., M.S. in Agr., Ph.D., Professor of Animal Husbandry, 1913. Assistant, 1907; Instructor, 1908; Assistant Professor, 1910.
- Sawdon, Will Miller, B.S. in M.E., M.M.E., Assistant Professor of Mechanical Engineering, 1908. Instructor, 1904.
- Schlapp, Max Gustav, M.D., Assistant Professor of Neuro-Pathology, 1911. New York City. Clinical Assistant, 1899; Instructor, 1900.
- Schmidt, Nathaniel, A.B., A.M., Professor of Semitic Languages and Literatures, 1896.
- Schneck, Henry William, B.S.A., M.S.A., Instructor in Vegetable Gardening, 1913.
- Schoder, Ernest William, B.S., Ph.D., Assistant Professor of Experimental Hydraulics, 1905. Engineer, in charge of the Hydraulic Laboratory, 1904.
- Schultze, Otto Henry, A.B., M.D., Assistant Professor of Pathological Anatomy 1908, and Professor of Medico-Legal Pathology, 1912. New York City. Instructor, 1898; Lecturer, 1904.
- Schwartz, Hans Jörgen, M.D., Instructor in Clinical Pathology, 1911, and Clinical Instructor in Surgery, Department of Dermatology, 1906. New York City. Assistant, 1903.
- Scoville, Gad Parker, B.S. in Agr., Assistant Professor of Farm Management, 1914.
- Seery, Francis Joseph, Bach. Mech. Sci., Assistant Professor of Civil Engineering, 1907. Instructor, 1905.
- Seulke, Karl John, B.S.A., M.S., Instructor in Animal Husbandry, 1914.
- Severy, Harold Allen, A.B., A.M., Instructor in Botany in the College of Agriculture, 1914.
- Shaffer, Newton Melman, M.D., Professor of Clinical Surgery, Department of Orthopedics, Emeritus, 1912, and of Orthopedic Surgery, Emeritus, 1913. Professor of Orthopedic Surgery, 1898; Professor of Orthopedics, 1900; Professor of Clinical Surgery, Department of Orthopedics, 1906-11.
- Shannon, William, A.B., M.D., Clinical Instructor in Medicine, Department of Pediatrics, 1899. New York City.
- Sharp, Lester Wayland, B.S., Ph.D., Instructor in Botany in the College of Agriculture, 1914.
- Sharpe, Francis Robert, B.A., Ph.D., Assistant Professor of Mathematics, 1910. Assistant, 1905; Instructor, 1906.
- Shearer, John Sandford, B.S., Ph.D., Professor of Physics, 1909. Assistant, 1893; Instructor, 1894; Assistant Professor, 1903.
- Sheldon, William Hills, M.D., Instructor in Medicine, 1911. New York City. Assistant, 1910.
- Sicard, Montgomery Hunt, B.S., M.D., Instructor in Physical Diagnosis, 1901, and in Therapeutics, 1910. New York City.
- Sill, Henry Augustus, A.B., A.M., Ph.D., Professor of Ancient History, 1909. Assistant Professor, 1902.
- Silverman, Louis Lazarus, A.B., A.M., Ph.D., Instructor in Mathematics, 1909.
- Simpson, Sutherland, D.Sc., M.D., F.R.S.E., Professor of Physiology, 1908.
- Slepian, Joseph, A.B., Ph.D., Instructor in Mathematics, 1914.

- Smith, Albert William, B.M.E., M.M.E., Professor of Power Engineering, and Director of Sibley College, 1904. Assistant Professor, 1887-91.
- Smith, Arthur Lewis, D.V.M., Instructor in Medicine in the Veterinary College, 1914.
- Smith, Frederick Miller, A.B., Instructor in English, 1910.
- Smith, Harmon, A.B., M.D., Professor of Clinical Surgery, Department of Laryngology and Rhinology, 1913.
- Snyder, Virgil, B.S., A.M., Ph.D., Professor of Mathematics, 1910. Instructor, 1895; Assistant Professor, 1903.
- Somers, Ransom Evarts, A.B., A.M., Instructor in Economic Geology, 1912.
- Spaulding, Harry Van Ness, Instructor in Operative Surgery, 1914. New York City.
- Spring, Samuel Newton, A.B., M.F., Professor of Forestry, 1912.
- Stagg, Charles Tracey, LL.B., Professor of Procedure in the College of Law, and Secretary of the College, 1914. Instructor, 1908; Assistant Professor of Law, 1909.
- Stapley, Edward Ray, Instructor in Civil Engineering, 1914.
- Steinhardt, I. D., M.D., Instructor in Clinical Surgery, 1913. New York City. 1892; Assistant Professor, 1894.
- Stenberg, Theodore T., Instructor in Public Speaking, 1914.
- Steve, Norman Damon, B.S. in Agr., Instructor in Rural Engineering, 1913.
- Stevens, Alexander Chilson, M.E., Instructor in Electrical Engineering, 1911.
- Stevenson, Robert Lewis, B.S. in E.E., Instructor in Electrical Engineering, 1911.
- Stewart, Vern Bonham, B.A., Ph.D., Assistant Professor of Plant Pathology, 1913. Investigator, 1912.
- Stillman, Ralph D., M.D., Instructor in Clinical Medicine, 1912. New York City.
- Stimson, Lewis Atterbury, A.B., M.D., LL.D., Professor of Surgery, 1898. New York City.
- Stockard, Charles Rupert, B.S., M.S., Ph.D., Professor of Anatomy, 1911. New York City. Assistant in Embryology and Histology, 1906; Instructor in Comparative Morphology, 1908; Assistant Professor, 1909.
- Stocking, William Alonzo, jr., B.Agr., B.S.A., M.S. in Agr., Professor of Dairy Industry, 1909. Assistant Professor, 1906; Acting Director of the College of Agriculture, 1913-14.
- Stone, John Lemuel, B.Agr., Professor of Farm Practice, 1907. Assistant, 1897; Assistant Professor, 1903.
- Strahan, James Lewis, B.S. in Agr., M.S. in Agr., Instructor in Rural Engineering, 1913. Assistant in Military Science and Tactics, 1911-12. Assistant in Farm Mechanics, 1912.
- Strauss, Israel, A.B., M.D., Assistant Professor of Neuro-Anatomy, 1912. New York City. Assistant, 1902; Instructor, 1903.
- Strunk, William, jr., A.B., Ph.D., Professor of English, 1909. Instructor, 1891; Assistant Professor, 1899.
- Stryke, Anna Clegg, A.B., Instructor in Entomology, 1912. Assistant, 1908; Instructor and Artist in Entomology, 1911.
- Sumner, James Batcheller, Ph.D., Assistant Professor of Biochemistry in the Department of Physiology, 1914.
- Sunderville, Earl, D.V.M., Assistant Professor of Veterinary Anatomy, 1913. Assistant, 1908; Instructor, 1909.
- Supplee, George Cornell, B.S., M.S. in Agr., Instructor in Dairy Industry, 1914. Assistant, 1912.
- Swisher, Charles Lee, A.B., Instructor in Physics, 1914. Assistant, 1913.
- Tanner, John Henry, B.S., Ph.D., Professor of Mathematics, 1904. Instructor, 1892; Assistant Professor, 1894.
- Tappan, Frank Girard, A.B., M.E., M.A., Instructor in Electrical Engineering, 1907.

- Taylor, Alfred S., M.D., Professor of Operative Surgery, 1914. New York City. Lecturer on the Peripheral Nervous System, 1910; Lecturer on Surgery, 1911; Assistant Professor of Operative Surgery, 1913.
- Thatcher, Charles G., Instructor in Experimental Engineering, 1914.
- Thilly, Frank, A.B., Ph.D., LL.D., Professor of Philosophy, 1906. Instructor, 1892-93.
- Thomas, Cecil Thomas, A.B., A.M., Instructor in Botany in the College of Agriculture, 1913.
- Thomas, Charles Edwin, Instructor in Experimental Engineering, 1914.
- Thompson, Arthur Lee, M.S. in Agr., Assistant Professor of Farm Management, 1914. Assistant in Dairy Industry, 1910; Instructor in Farm Management, 1911.
- Thompson, William Gilman, Ph.B., M.D., Professor of Medicine, 1898. New York City.
- Thro, William Crooks, B.S.A., A.M., M.D., Assistant Professor of Clinical Pathology, 1910. New York City. Assistant, 1901; Instructor, 1902-05; 1910.
- Titchener, Edward Bradford, A.B., A.M., Ph.D., LL.D., D.Sc., Litt.D., Sage Professor of Psychology in the Graduate School, 1910; Lecturer in Psychology and Head of the Department, 1912. Assistant Professor, 1892; Professor, 1895.
- Titsworth, Bertha, Instructor in Home Economics, 1913.
- Torrey, John Cutler, A.B., Ph.D., Assistant Professor of Experimental Pathology, 1910, and Lecturer in Hygiene, 1909. New York City. Assistant Instructor, 1903; Instructor, 1909.
- Townley, John Herbert, Instructor in English, 1913.
- Townsend, Clarence Ellsworth, M.E., Instructor in Machine Design, 1910.
- Trevor, Joseph Ellis, Ph.D., Professor of Thermodynamics, 1908. Assistant Professor of Chemistry, 1892; Assistant Professor of General and Physical Chemistry, 1894; Professor, 1900; Professor of Physical Chemistry, 1903.
- Troy, Hugh Charles, B.S. in Agr., Professor of Dairy Industry, 1912. Assistant, 1897.
- Tuck, Charles Henry, A.B., Professor of Extension Teaching, 1910. Assistant in Oratory, 1905; Supervisor Farmer's Reading Course, 1906; Assistant Professor of Extension Teaching, 1907.
- Turner, John Roscoe, B.S., M.S., Ph.D., Assistant Professor of Economics, 1913. Assistant, 1908; Instructor, 1909; Lecturer, 1911.
- Turner, Kenneth Bertrand, C.E., M.C.E., Assistant Professor of Hydraulics, 1908. Instructor Civil Engineering, 1906.
- Tuttle, Edward Mowbray, B.S. in Agr., A.B., Assistant Professor of Rural Education, 1912. Assistant, 1911; Instructor, 1912.
- Tyler, Charles Mellen, A.B., A.M., D.D., Professor of the History and Philosophy of Religion and of Christian Ethics, Emeritus, 1906. Professor, 1891; Lecturer, 1903-06.
- Tyrrell, William David, M.D., Clinical Instructor in Medicine, Department of Pediatrics, 1908. New York City.
- Udall, Denny Hammond, B.S.A., D.V.M., Professor of Veterinary Medicine and Director of Ambulatory Clinic, 1910. Demonstrator, 1900-01; Acting Professor, 1908.
- Underwood, Paul Halladay, C.E., Assistant Professor of Topographic and Geodetic Engineering, 1912. Instructor in Civil Engineering, 1907.
- Upton, George Burr, M.E., M.M.E., Assistant Professor of Experimental Engineering, 1910. Instructor, 1905.
- Urquhart, Leonard Church, C.E., Instructor in Civil Engineering, 1911.
- Usher, Abbott Payson, A.B., A.M., Ph.D., Assistant Professor of Economics, 1914. Instructor, 1910.
- Van Alstyne, Eleanor Van Ness, B.S., Ph.D., Instructor in Experimental Therapeutics, 1912. Assistant, 1910.
- Vandegrift, George W., A.M., M.D., Clinical Instructor in Surgery, Department of Ophthalmology, 1911. New York City.

- van der Does de Bye, Arnoud Jacob Joris, M.E., Instructor in Machine Design, 1912.
- van der Meulen, Peter Andrew, B.Chem., Instructor in Mineralogy and Petrography, 1914. Assistant in Chemistry, 1912.
- Van Rensselaer, Martha, A.B., Professor of Home Economics, 1911.
Supervisor of Farmer's Wives' Reading Course, 1903; Lecturer, 1907.
- von Engeln, Oscar Diedrich, A.B., Ph.D., Assistant Professor of Physical Geography, 1912. Assistant in Dynamic Geology, 1905; Instructor, 1907.
- Walker, Charles Leopold, C.E., Assistant Professor of Sanitary Engineering, 1912.
Instructor in Civil Engineering, 1905; Assistant Professor of Applied Mechanics, 1908.
- Wallace, Charleton, M.D., Professor of Clinical Surgery, Department of Orthopedic Surgery, 1914. New York City. Assistant Professor, 1913.
- Warner, Annette J., Assistant Professor of Design in the Department of Home Economics, 1913.
- Warren, George Frederick, jr., B.Sc., B.S.A., M.S.A., Ph.D., Professor of Farm Management, 1909. Assistant Professor of Agronomy, 1906.
- Warsaw, Wesley Worth, B.S. in A.E., Extension Instructor in Soil Technology, 1914.
- Waters, Harry Hill, M.E., Instructor in Machine Design, 1913. Assistant, 1912.
- Webster, Charles Edward Stuart, jr., B.A., M.D., Instructor in Therapeutics, 1907. New York City.
- Weeks, Paul Thorne, A.B., Instructor in Physics, 1914. Assistant, 1913.
- Weil, Richard, A.B., A.M., M.D., Assistant Professor of Experimental Therapeutics, 1911. New York City. Demonstrator, 1904; Assistant, 1908; Instructor, 1909.
- Weimer, James Leroy, A.B., Instructor in Plant Pathology, 1914.
- Weld, Harry Porter, Ph.B., Ph.D., Assistant Professor of Psychology, 1912.
- Wells, Albert Edward, Assistant Professor of Machine Construction, 1912.
Foreman of Machine Shop, 1904; Superintendent of Shops, 1905.
- Welsh, Thomas Whitney Benson, A.B., Ph.D., Instructor in Chemistry, 1909.
Assistant, 1907.
- Wheeler, John M., A.B., A.M., M.Sc., M.D., Clinical Instructor in Surgery, Department of Ophthalmology, 1911. New York City.
- Wheeler, Ralph Hicks, B.S., Assistant Professor of Extension Teaching, 1912.
Assistant, 1909; Instructor, 1910; Assistant, 1911.
- Whetzel, Herbert Hice, A.B., A.M., Professor of Plant Pathology, 1909.
Assistant, 1903; Assistant Professor, 1906.
- Whitbeck, Brainerd H., M.D., Clinical Instructor in Orthopedic Surgery, Department of Orthopedic Surgery, 1911. New York City.
- White, Andrew Curtis, A.B., Ph.D., Reader in Greek, 1903, and Assistant Librarian, 1889. Instructor in Latin, 1885-86; Instructor in Greek and Latin, 1886-88; Instructor in Latin, 1888-89; Instructor in Greek, 1898-99; Reader in Greek, 1899-01.
- White, Edward Albert, B.S., Professor of Floriculture, 1913.
- White, Ernest Charles, B.S., Instructor in Civil Engineering, 1911.
- Whiting, Frederick, A.M., M.D., Professor of Clinical Surgery, Department of Otology, 1904. New York City.
- Whitney, Cass Ward, B.S., Instructor in Extension Teaching, 1913.
- Wiegand, Karl McKay, B.S., Ph.D., Professor of Botany in the College of Agriculture, 1913. Assistant, 1894; Instructor, 1899-07.
- Wiegand, Maude Cipperly, A.B., Instructor in Botany in the College of Agriculture, 1913.
- Wiggers, Carl J., M.D., Assistant Professor of Physiology, 1913. New York City.
Instructor, 1911.

- Wilder, Burt Green, B.S., M.D., Professor of Neurology and Vertebrate Zoology, Emeritus, 1910.
Professor of Comparative Anatomy and Zoology, 1867; Professor of Physiology, Anatomy, and Zoology, 1878; Professor of Physiology, Vertebrate Zoology and Neurology, 1893; Professor of Neurology and Vertebrate Zoology, 1905.
- Wilkinson, Albert Edmund, B.S., Extension Instructor in Vegetable Gardening, 1913. Instructor and Investigator in Horticulture, 1912.
- Willcox, Walter Francis, A.B., LL.B., A.M., Ph.D., LL.D., Professor of Economics and Statistics, 1910.
Instructor in Logic, 1891; Assistant Professor of Social Science and Statistics and Political Economy, 1892; Assistant Professor of Social Science and Statistics, 1893; Associate Professor, 1894; Professor, 1898; Professor of Political Economy and Statistics, 1901; Dean of the Faculty of Arts and Sciences, 1901-07.
- Williams, Henry Shaler, Ph.B., Ph.D., Professor of Geology, Emeritus, 1912.
Assistant Professor, 1879; Assistant Professor of Paleontology, 1880; Professor, 1884; Professor of Geology and Paleontology, 1886-92; Dean of the General Faculty, 1887-88; Professor of Geology, and Head of the Department, 1904.
- Williams, Walter Long, Professor of Veterinary Surgery and Obstetrics and Investigator of Diseases of Young Animals and Breeding Cattle, 1914.
Professor of Principles and Practice of Veterinary Surgery, Zootechny, Obstetrics, and Jurisprudence, 1896.
- Wilson, Charles Soon, A.B., M.S. in Agr., Professor of Pomology, 1910.
Instructor in Horticulture, 1905; Assistant Professor of Pomology, 1907.
- Wilson, James Kenneth, B.S., Ph.D., Assistant Professor of Soil Technology, 1914. Assistant in Plant Physiology, 1912; Instructor in Botany, 1913.
- Wilson, Wilford Murry, M.D., Professor of Meteorology, 1910.
Lecturer, 1906; Instructor, 1907.
- Winans, James Albert, A.B., A.M., LL.B., Professor of Public Speaking, 1914.
Instructor, 1899; Acting Assistant Professor, 1901; Instructor, 1903; Assistant Professor, 1904.
- Wing, Henry Hiram, B.Agr., M.S. in Agr., Professor of Animal Husbandry, 1903.
Instructor in Dairy Industry, 1890; Assistant Professor of Animal Husbandry and Dairy Industry, 1891; Professor, 1902.
- Wing, Lucius A., B.S., M.D., Clinical Instructor in Surgery, 1912. New York City.
- Winters, Joseph Edcil, M.D., Professor of Clinical Medicine, Department of Pediatrics, 1898. New York City.
- Witthaus, Rudolph August, A.B., A.M., M.D., Professor of Chemistry, Emeritus, 1911. New York City. Professor, 1898.
- Wood, Edgar Harper, M.E., M.M.E., Professor of Mechanics of Engineering, 1910. Instructor in Drawing, 1899; Assistant Professor of Machine Design, 1907.
- Woodruff, Edwin Hamlin, LL.B., Professor of Law, 1896. Acting Dean of the College of Law, 1914. Instructor in English, 1888-90.
- Woolsey, George, A.B., M.D., Professor of Clinical Surgery and Anatomy, 1898. New York City.
- Work, Paul, A.B., B.S., M.S. in Agr., Instructor in Vegetable Gardening and Superintendent of the Department, 1913. Instructor and Investigator in Horticulture, 1910.
- Works, George Alan, Ph.B., M.S. in Agr., Professor of Rural Education, 1914.
- Wright, Albert Hazen, A.B., A.M., Ph.D., Instructor in Neurology and Vertebrate Zoology, 1908. Assistant, 1905.
- Wright, William K., A.B., Ph.D., Instructor in Philosophy, 1913; Lecturer on Education, 1914.
- Wright, W. W., M.D., Clinical Instructor in Medicine, Department of Psychopathology, 1912. New York City.
- Wyckoff, DeWitte B., LL.B., Acting Assistant Professor of Law, 1914.
- Young, Allyn Abbott, Ph.B., Ph.D., Professor of Economics and Finance, 1913.
- Young, Charles Van Patten, A.B., Professor of Physical Culture and Director of the Gymnasium, 1906. Acting Professor, 1904.

- Young, George, jr., B.Arch., Assistant Professor of the Theory of Construction in the College of Architecture, 1909.
- Young, Helen Binkerd, B.Arch., Assistant Professor of Domestic Art, 1911.
Instructor, 1910.
- Zimmer, Elmer Rosel, Instructor in Animal Husbandry, 1914. Assistant, 1913.
- Zinnecker, Wesley Daniel, Ph.D., Instructor in German, 1910.

ASSISTANTS

- Allen, Alfred W., Pattern Making.
- Allen, C. E., Histology and Embryology.
- Anderson, Gilbert Valentine, Physics.
- Atwater, Mary Anna, Plant Breeding Laboratory.
- Baeszler, Alfred Thomas, Veterinary Anatomy.
- Baker, Theodore Alexander, B.S., Animal Husbandry.
- Beaumont, Arthur Bishop, B.S., Soil Technology.
- Bennett, Harold Selden, A.B., Chemistry.
- Bishop, Homer Guy, B.S., M.S., Psychology.
- Blue, Arthur Ayling, Chemistry.
- Bohall, Homer Allen, A.B., Chemistry.
- Boies, Orlo William, A.B., Chemistry. Resigned October 9, 1914.
- Brezec, E. L., A.B., Anatomy, New York City.
- Bridgman, J. Allington, B.Chem., Chemistry.
- Brooks, Charles Albert, Forge Shop.
- Brown, Lawrence Glenn, Entomology.
- Buck, William Benjamin, Machine Shop.
- Burke, Carl Martin, A.B., A.M., Economics.
- Bush, Howard Stanley, Pattern Making.
- Cassassa, Charles S. B., A.B., M.D., Pathological Anatomy, New York City.
- Charles, Thomas Burr, Poultry Husbandry.
- Clemens, Wilbert Amie, A.B., A.M., Entomology.
- Cole, Howard Irving, B. Chem., Chemistry.
- Conlin, Henry Joseph, A.B., Agricultural Chemistry.
- Conner, Earle, M.D., Surgery, Department of Otology, New York City.
- Cooke, Robert A., M.D., Experimental Therapeutics, New York City.
- Cooley, Clifford Stone, Chemistry.
- Cousens, Clayton Worth, Physical Culture.
- Cragwall, Gordon Owen, A.B., Chemistry.
- Craig, William Thomas, Plant Breeding.
- Dann, Archie Byron, Poultry Husbandry.
- Davis, Helen B., A.B., Medicine, New York City.
- Davis, Merritt James, B. Chem., Chemistry.
- Davis, Norman Bruce, B.Sc., Economic Geology.
- Davison, Albert Watson, B.S., M.A., Ph.D., Chemistry.
- Dean, Elizabeth, A.B., Botany in the College of Agriculture.
- Denney, John DeWitt, A.B., Zoology.
- Dunn, William, Experimental Therapeutics, New York City.
- Edwards, R. Davis, Entomology.
- Ellenberger, Howard Bowman, B.S.A., Dairy Industry.
- Elley, Harold Walter, B.Sc., M.A., Chemistry.
- Engelder, Carl John, A.B., B. Chem., Chemistry.
- Engle, Chester Cassell, B.S. in Agr., Soil Survey.
- Etheridge, William Carlyle, B.S., M.S. in Agr., Farm Crops.
- Evans, Austin Patterson, A.B., Medieval History.
- Evans, Samuel Morley, M.D., Medicine, Department of Pediatrics, N. Y. City.
- Feldstein, S., M.D., Experimental Therapeutics, New York City.
- Fink, Gail J., Ph.D., Soil Technology.
- Fischer, Willis Robert, Plant Pathology.
- Fisher, Walton Isaac, Plant Breeding.

Flynn, William Francis, B.Chem., Agricultural Chemistry.
 Fordyce, Grace, Home Economics.
 Frederiksen, Felix Morse, A.B., Chemistry.
 Friedman, William Frederick, B.S., Plant Breeding.
 Gardner, Clyde Armstrong, D.V.M., Veterinary Diagnosis.
 Genung, Elizabeth Faith, B.S. in Agr., Dairy Industry.
 Georgia, Ada Eljivah, the Farm Course.
 Georgia, Frederick Raymond, Chemistry.
 Gere, James Belden, M.D., Neuro-Pathology, New York City.
 Germann, Frank E., Physics.
 Globus, J. H., Anatomy, New York City.
 Goldberg, Samuel Alexander, D.V.M., Veterinary Pathology.
 Graham, S. A., Entomology.
 Gray, Harold Thomas, Physical Culture.
 Green, C. H., Botany in the College of Agriculture.
 Guise, Cedric Hay, B.S., Forestry.
 Ham, Edward S., Animal Husbandry.
 Hamburg, Alexander Maxwell, Economics.
 Hamnett, Frank Shaver, Dairy Industry.
 Hancy, Anna Jane, A.B., Botany in the College of Agriculture.
 Harris, Naomi, A.B., Physiology.
 Harvey, Lew Ellsworth, B.S. Agr., Farm Management.
 Hawley, Ira Myron, A.B., Economic Entomology.
 Head, Walter Liston, Foreman of Forge Shop.
 Hendricks, H. D., Plant Pathology.
 Hermannsson, Halldor, German. (Leave of absence, first term.)
 Hill, Mary E., B.S., Entomology.
 Hill, Reuben Lorenzo, B.S., Biochemistry.
 Holding, Arthur, M.D., Radiology, New York City.
 Hooper, Leroy, Foreman of Pattern Shop.
 Howe, Burdette Newton, Machine Shop.
 Howes, Horace Leonard, B.S., Physics.
 Irish, Eugene Jennings, A.B., Forestry.
 Jennings, David Stout, B.S., Soil Technology.
 Jones, Vern Reuben, B.S.A., Dairy Industry.
 Keefer, William Edwin, Ph.M., Forest Pathology.
 Kennedy, John Joseph, B. Chem., Chemistry.
 Kenney, John Stanley, M.D., Medicine, New York City.
 Kirk, William, Chemistry.
 Klein, Millard Alschuler, B.Sc., Soil Technology.
 Knapp, Ismond Ellis, Chemistry.
 Knapp, Ralph, A.B., Physics.
 Knight, Frank Hynerman, Ph.B., B.S., M.A., Economics.
 Koller, Joseph P., Chemistry.
 Krum, Walter Gernet, Poultry Husbandry.
 Kunz, George W., M.D., Surgery, Department of Otology, New York City.
 Leonard, Mortimer Demarest, B.S., Entomology.
 Leiby, Rowland Willis, B.S., Insect Morphology.
 Lobdell, R. E., Entomology.
 McCorkle, Walter E., Ph.B., M.S., Anatomy.
 McCoy, Daniel Chauncey, Chemistry.
 Macdonald, Norman, B.A., Modern European History.
 Mack, Edward Lawrence, B.S., Chemistry.
 McLaughlin, William Daniel, Machine Shop.
 Marquette, Bleeker, English History.
 Merriam, Lloyd L., B.S., Histology and Embryology.
 Metcalf, Franklin Post, A.B., Botany in the College of Agriculture.
 Moesel, Julia, Zoology.
 Moody, Warren Lafayette, Chemistry.
 Moses, Winifred, Home Economics.

- Mulcahy, Thomas A., M.D., Surgery, Department of Otology, New York City.
Munz, P. A., Entomology.
Myers, William Irving, B.S.A., Farm Management.
Netzen, Clarence, Chemistry.
Noback, Gustav J., Histology and Embryology.
Nye, Claribel, B.S., Home Economics.
O'Brien, William James, B.Chem., Chemistry.
O'Connell, Walter Christopher, Wrestling.
Olsson, Axel, A.B., Paleontology and Stratigraphic Geology.
Overman, Oliver Ralph, A.B., A.M., Chemistry.
Papanicolau, George, Ph.D., M.D., Anatomy, New York City.
Peacock, Walter Miller, B.S., Farm Crops.
Perkins, Lawrence Merton, Physics.
Plumb, Leon Alton, A.B., Economics.
Pollard, Frank Howell, Chemistry.
Potter, Alfred Latimer, A.B., Anatomy.
Rahe, Alfred Henry, M.D., Experimental Pathology, New York City.
Rahe, Jessie Moore, Experimental Therapeutics, New York City.
Ray, Arthur Benning, B.A., M.A., Chemistry.
Reich, Walter Bellinger, Physics.
Riche, Jesse Austen, Physiology, New York City.
Richmond, Edward Avery, B.S., Entomology.
Ritter, Frank Olin, A.B., Philosophy.
Rogers, Remington, LL.B., Economics.
Rose, Clifford Coutant, B.Chem., Chemistry.
Rossener, Grace, Anatomy, New York City.
Ross, Earl Dudley, A.B., American History.
Schmidt, Karl Patterson, Entomology.
Schnedeker, William Arthur, Chemistry.
Schradiack, Henry Edward, Entomology.
Scoville, Ralph Irving, B.S., Dairy Industry.
Severance, Mildred, Physics.
Severy, Harold Allen, A.B., A.M., Botany in the College of Agriculture.
Shaper, Bernard William, B.S., Extension Teaching.
Sheldon, Pearl Gertrude, A.B., Ph.D., Geology.
Sherwood, Francis Webber, B.S., M.S., Chemistry.
Shevlin, E., Physical Culture.
Shigley, James Fremont, B.Pd., Bacteriology.
Smith, Charles Vivian, A.B., Chemistry.
Snyder, Elmer, Dairy Industry.
Stobbs, William Malcolm, Histology and Embryology.
Sweet, A. H., English History.
Thayer, Clark Leonard, B.S., Floriculture.
Thompson, James D., S.B., Physical Geography.
Thorne, Alma Rose, A.B., Ph.D., Education and Philosophy.
Thurston, A. M., Chemistry.
Torrey, Ella Martha, A.B., Entomology.
Tothill, John Douglas, B.Sc. Agr., Entomology.
Tressler, Donald K., A.B., Chemistry.
Vanderhoef, James Elijah, Foreman of the Foundry.
Vick, Harry Elias, B.S., M.S., Entomology.
Wallen, I. E., Anatomy, New York City.
Ward, George Gray, jr., M.D., Gynecology, New York City.
Webber, Clarence Wentworth, D.V.M., Veterinary Surgery.
Weimer, James LeRoy, A.B., Plant Pathology.
Wendelken, Gerd Miller, B.A., Systematic Entomology.
West, Carl Joseph, M.A., Mathematics.
Wiggans, Roy Glen, B.S.A., Farm Crops.
Wolcott, Wallace Henry, Geology.
Woods, William Colcord, A.B., Entomology.
Zinnssmeister, Carl Luther, B.S., Botany, College of Arts and Sciences.

Assistants in Military Science and Tactics

Brower, Gerald Evans. Colonel.
 Nix, Robert Williamson. Major.
 Rodriguez, Rodrigo Bennett. Major.
 Hess, Seth Gearson. Major.
 Cady, Frank William, jr. Captain.
 Taylor, William Arnold. Captain.
 Lohr, Lenox Riley. Captain.
 Cowan, Wayne Weeks. Captain.
 Stanton, Donald Tennyson. Captain.
 Phipps, George Robinson. Captain.
 Krieger, Andrew Edward. Captain.
 Candee, Robert Chapin. Captain.
 Harrington, Charles Chapin. Captain.

LECTURERS

Roscoe Pound, Ph.D., LL.M., Carter Professor of General Jurisprudence in the Harvard University Law School: Lecturer on the Goldwin Smith Foundation in the College of Arts and Sciences.
 Taft, William Howard, B.A., LL.B., LL.D., Professor of Constitutional Law in the Law Department of Yale University: Lecturer on the Goldwin Smith Foundation in the College of Arts and Sciences.

STANDING COMMITTEES OF THE UNIVERSITY FACULTY

The year in parenthesis indicates the date of retirement.

Committee on Admission by Certificate. Professor G. P. Bristol (1916), chairman; the Secretary of the University Faculty; Professors H. L. Jones (1915); V. Snyder (1915); J. F. Mason, substitute for W. W. Comfort (1916); W. E. Lunt (1917); B. S. Monroe (1917); E. Blaker (1918); H. C. Davidsen (1918); the Registrar.

Committee on Student Affairs. Professor D. S. Kimball (1916), chairman; the Secretary of the University Faculty; Professors F. A. Barnes (1915); H. Ries (1915); H. T. Bull (1916); A. R. Mann (1917); V. A. Moore (1917); A. W. Browne (1918); W. F. Willcox (1918); the Registrar.

Committee on University Undergraduate Scholarships. The Secretary of the University Faculty, chairman; Professors C. L. Durham (1915); J. McMahon (1915); A. C. Gill (1916); H. N. Ogden (1916); F. C. Prescott (1917); L. Pumpelly (1917); A. W. Boesche (1918); J. S. Shearer (1918).

Committee on University Policy. The President; the Secretary of the University Faculty; the Dean of the Graduate School; the Deans of the several College Faculties; the Secretary of the Medical College at Ithaca.

Committee on Relations to Secondary Schools. The Secretary of the University Faculty; Professors G. P. Bristol, chairman; A. R. Mann, D. S. Kimball, M. W. Sampson, H. D. Reed, J. P. Bretz, J. H. Tanner, the Registrar.

Committee on Excuses from Physical Training and Military Science. The Secretary of the University Faculty, chairman; the Commandant; the Professor of Physical Culture; Professors W. N. Barnard and W. A. Riley; Miss Canfield.

Committee on Entrance Examination Board. Professor G. P. Bristol (1916), chairman; W. B. Carver (1915); C. S. Northup (1915); H. W. Peters, Secretary (1916); J. P. Bretz (1917); G. C. Embury (1917); G. E. F. Lundell (1918); J. F. Mason (1918).

Committee on Official Publications. The President; the Secretary of the University Faculty; the Dean of the Graduate School; the Deans of the several College Faculties; the Secretary of the Medical College at Ithaca; the Registrar; the Secretary of the University.

University Committee on Hygiene and Sanitation. Professors Kerr, Moore, Ogden, and Young, and Dr. Munford.

OTHER OFFICERS

- Schurman, Jacob Gould A.M., D.Sc., LL.D., President of the University, 1892.
Professor of Philosophy, 1886.
- Williams, Emmons Levi, Comptroller of the University, 1914; Secretary of Board of Trustees, 1894. Assistant to the Treasurer, 1872; Acting Treasurer, 1879; Treasurer, 1885.
- Bostwick, Charles Dibble, A.B., LL.B., Treasurer of the University, 1914.
General and Legal Assistant to the Treasurer, 1898; Assistant Treasurer, 1903.
- Walker, George L., Superintendent of Buildings and Grounds, 1914.
- Hayes, Rud Bryant, M.E. (E.E.), Superintendent of the University Heat, Light, and Power Service, 1903.
- Hoy, David Fletcher, B.S., M.S., Registrar, 1895. Assistant Registrar, 1891.
- Peters, Heber Wallace, A.B., Secretary of the University, 1914.
- Martin, Gertrude Shorb, Ph.B., Ph.D., Adviser of Women, 1909.
- Barbour, Elizabeth H., Matron of Sage College, 1909.
- Tree, Thomas, Manager of Residential Halls, 1912. Assistant to the Treasurer, 1894.
- Sutherland, Harriet, Superintendent of the Cornell Infirmarys.
- Nye, Gertrude Houston, Warden of Prudence Risley, 1913.
- Quarles, James T., University Organist, 1913.

NON RESIDENT LECTURERS, 1913-14

- William Roscoe Thayer: Three Makers of Modern Italy (three lectures).
- Ludwig Fulda: Berlin und das deutsche Geistesleben.
- Oswald Garrison Villard: The Race Problem Fifty Years after Freedom.
- Wilfrid Ward: Cardinal Newman as Thinker and Writer. Four lectures on the Goldwin Smith Foundation.
- Madame Ali-Kuli Khan: Some Personal Experiences in Modern Persia.
- Mrs. Kennedy-Fraser: Songs of the Hebrides.
- Joseph Schumpeter: The Balkan Policies of Austria.
- Ernst Elster: The Leading German Dramatists of the Nineteenth Century; the Poet Heine. Lectures on the Jacob H. Schiff Foundation, February 7-March 27.
- Charles Wellington Furlong: Chile, the Strait of Magellan, and the Fuegian Archipelago.
- Luiz Cabrera: The Cause of the Revolution in Mexico.
- Henry Lane Wilson: Present Conditions in Mexico.
- F. Baldensperger: L'Amérique de Chateaubriand.
- Dayton C. Miller: The Science of Musical Sounds.
- Dillon Wallace: Labrador and its People. Lecture on the Goldwin Smith Foundation.
- Norman Angell: America and International Polity.

ADMISSION TO THE UNDERGRADUATE COLLEGES

For admission to the Graduate School see p. 45; for admission to the Medical College see p. 99.

Applications for admission to any one of the undergraduate colleges of the University are entertained from the following three classes of persons: (a) those who desire to begin as freshmen in some college of the University, a regular course of study leading to a degree conferred by that college; (b) those who, having already attended some institution of collegiate rank, desire to enter some college of the University; (c) those who desire to register as special students not candidates for a degree. The conditions of admission for these three classes of persons are separately described on pages 35 and 41.

The normal time for admission of students to the undergraduate colleges is at the beginning of the first term of the University year in September. For the admission of students at the beginning of the second term in February, see p. 38.

Every applicant for admission to any of the undergraduate curricula of the University must file at the Registrar's office either a certificate of good moral character, or, in case he has previously attended some other college or university without graduating from it, a certificate of honorable dismissal from that institution.

ADMISSION OF FRESHMEN

Men who desire to begin as freshmen a curriculum leading to a degree in one of the colleges of the University, must be at least sixteen years of age. Women must be at least seventeen years of age. In the College of Law the minimum age for both men and women is, for the curriculum of four years, seventeen years; for the curriculum of three years, eighteen years.

All the colleges of Cornell University conferring baccalaureate degrees presuppose, on the part of an applicant for admission, an amount of training equivalent to that gained by four years of successful work in a high school of good standing.

Scholastic Requirements

A student who applies for admission as a freshman to any college of Cornell University is required to offer fifteen units of entrance credit in subjects included in the following list of "Entrance Subjects". A "unit of entrance credit" is granted to a student who gives evidence that he has such knowledge of an entrance subject as should normally be acquired in five periods a week during one school year, or in 120 sixty minute periods.

A. Requirements common to all the colleges. Nine units. Of these fifteen units of entrance credit, nine units in the following subjects are required by each of the colleges: English, 3 units; history, 1 unit; mathematics, 2 units; one foreign language, 3 units.

B. Additional and, in some cases, specific requirements of the several colleges. Six units. In these six remaining units some of the colleges require that additional credits in some of the subjects in group A or credits in certain other subjects shall be included, while in other colleges, all of these remaining six units are elective, i.e. they may, with certain restrictions mentioned on p. 36, be selected by the candidate at will from the list of Entrance Subjects here printed.

ENTRANCE SUBJECTS

The subjects and the maximum and the minimum amount of credit in each that may be offered for admission to the University are:

1a. English A.	2 units	8b. Modern History. $\frac{1}{2}$ unit or 1 unit
1b. English B.	1 unit	8c. Am. Hist., Civics. $\frac{1}{2}$ unit or 1 unit
2a. First Year Greek.	1 unit	8d. English History. $\frac{1}{2}$ unit or 1 unit
2b. Second Year Greek.	1 unit	9a. Elementary Algebra. 1 unit
2c. Third Year Greek.	1 unit	9b. Intermediate Algebra. $\frac{1}{2}$ unit
3a. First Year Latin.	1 unit	9c. Advanced Algebra. $\frac{1}{2}$ unit
3b. Second Year Latin.	1 unit	9d. Plane Geometry. 1 unit
3c. Third Year Latin.	1 unit	9e. Solid Geometry. $\frac{1}{2}$ unit
3d. Fourth Year Latin.	1 unit	9f. Plane Trigonometry. $\frac{1}{2}$ unit
4a. First Year German.	1 unit	9g. Spherical Trigonometry. $\frac{1}{2}$ unit
4b. Second Year German.	1 unit	10. Physics. 1 unit
4c. Third Year German.	1 unit	11. Chemistry. 1 unit
5a. First Year French.	1 unit	12. Phys. Geography $\frac{1}{2}$ unit or 1 unit
5b. Second Year French.	1 unit	13. Biology. 1 unit
5c. Third Year French.	1 unit	14. Botany. $\frac{1}{2}$ unit or 1 unit
6a. First Year Spanish.	1 unit	15. Zoology. $\frac{1}{2}$ unit or 1 unit
6b. Second Year Spanish.	1 unit	16. Agriculture. $\frac{1}{2}$ unit to 4 units
6c. Third Year Spanish.	1 unit	17. Drawing. $\frac{1}{2}$ unit or 1 unit
7a. First Year Italian.	1 unit	18. Manual Training. 1 unit
7b. Second Year Italian.	1 unit	19. { Any High School subject or subjects not already used. $\frac{1}{2}$ unit or 1 unit
7c. Third Year Italian.	1 unit	
8a. Ancient History. $\frac{1}{2}$ unit or 1 unit		

In connection with the foreign language requirements, the following restrictions should be noted.

1. In those colleges where the requirement is three units, all of these units must be in a single language. Any number of elective units in a second language will be accepted. If the applicant offers at least two units in the second language any number of units in a third language will be accepted.

2. In the College of Arts and Sciences where the requirement of candidates for the degree A.B. is five units, at least three units must be in some one language and at least two units in a second language. Any number of elective units in a third language will be accepted.

If biology (1 unit) is offered, neither $\frac{1}{2}$ unit in botany nor $\frac{1}{2}$ unit in zoology will be accepted.

Agriculture will not be accepted for entrance to Arts and Sciences or to Law; a maximum of one entrance unit in agriculture is accepted by all the other colleges with the exception of the College of Agriculture which permits a maximum of four units, with the restriction however that the total of the entrance credit in vocational subjects under numbers 16, 18, and 19 shall not exceed four units.

In drawing and in manual training, three hundred actual hours are required for one unit of credit.

A candidate for admission who presents Number 19 in the list above as a part of the fifteen units required for entrance will not be allowed to take any examination for college credit at entrance, see page 40.

The following tabulation shows the subjects and credits required by the several colleges.

ENTRANCE REQUIREMENTS OF THE UNDERGRADUATE COLLEGES

ARTS AND SCIENCES		LAW	LAW	AGRICUL-	VETER-	ARCHITECTURE		CIVIL AND	MECH. ENGR.
A. B.	B.Chem.	4 years	3 years	TURE	INARY	4 years	4½ or 5 yr.	4 years	4½ or 5 yr.
English, 3	English, 3	English, 3	A diploma or certificate of graduation from a university or college or a certificate that the applicant has met the entrance requirements and satisfactorily completed one year of study in a university or college of approved standing is required for admission to the three year curriculum in Law.	English, 3	English, 3	English, 3	English, 3	English, 3	English, 3
Foreign Languages, 5	French, 3 or German, 3	One Foreign Language, 3		One Foreign Lang., 3	One Foreign Language, 3	French, 3 or German, 3	French, 3 or German, 3	One Foreign Language, 3	One Foreign Language, 3
History, 1	History, 1	History, 1		History, 1	History, 1	History, 1 Physics, 1	History, 1	History, 1	History, 1
Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1		Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1	Plane Geometry, 1
Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1		Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1	Elementary Algebra, 1
	Intermed. Algebra, ½			(Solid Geom. and Pl. Trigonometry are not required but are strongly recommended for students intending to take Forestry or Landsc. Art.)		Intermed. Algebra, ½		Intermed. Algebra, ½	
	Solid Geometry, ½					Solid Geom., ½		Solid Geom., ½	
	Advanced Algebra, ½					Advanced Algebra, ½		Advanced Algebra, ½	
	Plane Trigonometry, ½					Plane Trigonom., ½		Plane Trigonom., ½	
Elective, 4	Elective, 4	Elective, 6		Elective, 6	Elective, 6	Elective, 3	Elective, 6	Elective, 4	Elective, 6
TOTAL, 15	TOTAL, 15	TOTAL, 15		TOTAL, 15	TOTAL, 15	TOTAL, 15	TOTAL, 15	TOTAL, 15	TOTAL, 15

Candidates for the degree of Bachelor of Chemistry are advised to include, among their entrance subjects, in addition to the full four units in mathematics, also three units of German and two units of French. Those who have not presented these subjects at admission will be required to take them in the University, which may result in the extension of their period of residence beyond eight terms. For the present, applicants will be admitted to the College of Arts and Sciences as candidates for the degree of Bachelor of Chemistry, upon satisfaction of the entrance requirements for the curriculum leading to the degree of Bachelor of Arts.

For admission to the New York State Veterinary College an applicant must offer a Veterinary Student Certificate issued by the Education Department of the State of New York, Albany, N. Y.

It is strongly recommended that for entrance to Architecture, Civil Engineering, and Mechanical Engineering, at least three of the four elective units be offered in language and history.

French or German is preferred for the three foreign language units required by the College of Civil Engineering, the College of Mechanical Engineering, the College of Agriculture, and the Veterinary College.

Admission at the Beginning of the Second Term

Applicants who have fully satisfied the entrance requirements of the College of Arts and Sciences may be admitted as freshmen in that college at the beginning of the second term in February, as well as at the beginning of the first term in September.

Applicants who have fully satisfied the entrance requirements of the College of Agriculture may be admitted as freshmen in that college at the beginning of the second term in February; they will however find it difficult to arrange satisfactory schedules of work and therefore should, if possible, enter in September.

Students who meet in full the requirements for admission, and freshmen in either the four year or the five year curriculum in the Colleges of Mechanical Engineering, Civil Engineering, and Architecture may enter these colleges at midyear to pursue courses which will be specially outlined to suit each individual case and which will lead to the degree of Mechanical Engineer, Civil Engineer, or Bachelor of Architecture at the end of four and a half years. Those who at this time meet the requirements for admission to the five year curriculum must enter the University classes in such of the mathematical courses required for admission to the four year curriculum as have not been credited to them.

Students may not enter the College of Law at the beginning of the second term.

Students who desire admission at the beginning of the second term must place their certificates and credentials in the hands of the Registrar not later than January 15th. For January entrance examinations, see below.

METHODS OF SATISFYING THE ENTRANCE REQUIREMENTS

Every applicant for admission must, by one of the four following methods, or by some combination of these methods, show that he possesses a satisfactory knowledge of the subjects that are required for admission to the particular college in which he plans to pursue his studies.

1. By passing the required Cornell University Entrance Examinations, see page 38.
2. By passing the College Entrance Examination Board Examinations in the required subjects, see page 39.
3. By passing the necessary Regents' Examinations (for students who have prepared in New York State), see page 39.
4. By presenting an acceptable school certificate, see page 39.

1. CORNELL UNIVERSITY ENTRANCE EXAMINATIONS

The Cornell University Entrance examinations assume in general that for each unit of entrance the student shall have such knowledge of the subject concerned as should normally be acquired in five periods a week during one school year, or in 120 sixty minute periods. The entrance examination in English (total of three units) assumes four years of preparatory study.

Examinations for admission to the University are held in Ithaca, and all examinations except in drawing and in manual training are held in New York City, First Avenue and 28th Street, in September, at the beginning of the first term of the University year. A fee of \$1 for each subject, with a maximum charge of \$5 for all subjects, must be paid by all candidates who take these examinations in New York City; the fee must be repeated in the case of candidates who repeat the examinations. Permits to take the examinations must be secured from the Registrar in Ithaca. The University does not hold entrance examinations in the subjects included under number 19 of the list of entrance subjects, page 36.

No examination of candidates for admission will be held by the University at any other times or places, except that, on application made to the Registrar between January 1 and January 15 in any year, entrance examinations in any of the University entrance subjects may be arranged to be held in Ithaca on or about January 25 of that year.

A candidate may take all the entrance examinations in the same year, or he may divide them among two or three successive years.

For details concerning the subject matter of the University entrance examinations, the General Circular of Information should be consulted. Specimen copies of the September examination papers may be obtained by applying to the Secretary of the University.

2. COLLEGE ENTRANCE EXAMINATION BOARD EXAMINATIONS

The examinations held by the College Entrance Examination Board in June of each year are accepted as the full equivalents of the Cornell University Entrance Examinations in the corresponding subjects.

The next examinations of the College Entrance Examination Board will be held at Ithaca, and at various other places, June 14-19, 1915.

The examination fee at points in the United States and Canada is five dollars; at points outside of the United States and Canada, fifteen dollars, for each candidate examined.

Those who wish to procure forms of application for examination, should address The College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y.

3. ENTRANCE BY REGENTS' EXAMINATIONS

The Regents' examinations of the Education Department of the State of New York are accepted as the full equivalent of the Cornell University Entrance Examinations in the corresponding subjects.

The officially signed certificates or pass-cards (even for single subjects) issued by the Department of Education of the State of New York for passing Regents' examinations are accepted by Cornell University in all entrance subjects which are covered by such credentials.

The Arts College Entrance Diploma or the Science College Entrance Diploma satisfies in full the entrance requirements of the College of Arts and Sciences (for the degree A.B.), of the College of Law (the four year curriculum), and of the College of Agriculture; either likewise satisfies the requirements for admission to the $4\frac{1}{2}$ and the 5-year curricula in Architecture, in Civil Engineering, and in Mechanical Engineering.

The Arts College Entrance Diploma or the Science College Entrance Diploma satisfies the requirements for admission to the four year curriculum in Mechanical Engineering and in Civil Engineering provided the four entrance units required in mathematics are satisfied.

The Arts College Entrance Diploma or the Science College Entrance Diploma satisfies in full the entrance to the four year curriculum in Architecture provided the four entrance units required in mathematics, one in physics, and at least two in either French or German are satisfied.

4. ENTRANCE BY SCHOOL CERTIFICATE

Certificates of work done in public or in private schools, in or out of the State, may be accepted in lieu of passing entrance examinations, if the University authorities are satisfied with the standing of the school and if the applicant has completed a full regular course in the school and has been duly graduated after at least one year in the school.

The University does not engage in advance to accept the certificate of any school and the previous acceptance of certificates does not establish a permanent right to expect their further acceptance, but merely raises the presumption that similar certificates will be accepted.

Three separate steps must be taken before a student of any school will, on its certificate, be admitted to a college of Cornell University.

(a) The principal of the school must by formal application secure the certificate privilege for his school. (b) The principal of the school must submit a

school certificate duly filled out for the individual candidate for admission. (c) The candidate himself must make application for admission to the particular college of Cornell University in which he intends to study. Official blanks for each of these purposes may be obtained from the Registrar of the University.

The school certificate should be forwarded by the principal as soon as possible after the graduation of the candidate. The application for the certificate privilege should, unless previously granted, accompany the school certificate. The candidate's application for admission to a particular college should be sent as early as possible after the candidate has decided in which college of Cornell University he desires to study. The application will be considered merely as a declaration of intention, and will impose no obligation upon the prospective student.

The school certificate should include all the subjects that the candidate has satisfactorily completed in the school, whether or not they are required by the particular college in which the candidate proposes to study; neglect to comply with this regulation may entail serious inconvenience and disappointment to the student. The school certificate may include subjects in which an examination has been passed for admission to the school. No additional or supplementary certificate will be considered after the first college term.

Certification for each unit of credit implies that the student has had five prepared recitations a week for one year of study in the subject. Two hours of laboratory work may be reckoned as equivalent to one hour of prepared recitation. If the candidate has not had five periods a week for one year in any subject but has had not less than 120 actual hours (7,200 minutes) of recitation in the subject, the school may if it desires recommend him for one unit of credit, but the school certificate must show the exact number of actual hours of recitation in the subject.

Notebooks in general need not be submitted and should not be sent unless they are in individual cases specifically requested by the Registrar.

Subjects in which work has been done privately outside of the regular school curriculum, even if under the direction of teachers in the school, should not be included in the certificate.

If in any entrance subject a student has failed to pass the Cornell or any other University Entrance Examination, or the College Board Entrance Examination, or the Regents' examinations, he will not thereafter be allowed to offer a school certificate in that subject unless, subsequently to his failure, he shall have pursued the subject regularly in class for the full time required and shall have done the full amount of work required for entrance in the subject.

Admission on school certificates is in all cases provisional. If, after admission to the University, a student fails in any subject dependent upon an entrance subject for which a school certificate has been accepted, credit for that entrance subject may be cancelled.

All communications and requests in connection with admission by school certificate should be addressed to the Registrar of the University. The University will welcome any special or personal information that school principals may care to furnish in connection with individual applicants for admission.

COLLEGE CREDIT AT ENTRANCE

Credit towards a degree for work done in a preparatory school, upon subjects which may be offered for entrance to the University, will be given only to those students who, in addition to satisfying all entrance requirements, pass separate examinations in the subjects for which they seek college credit. These examinations will cover substantially the same ground as do the University courses in the corresponding subjects. An applicant who desires a college credit examination must apply to the Registrar not later than September 10 in any year, specifying which fifteen units he intends to offer in satisfaction of the entrance requirements, and upon what other entrance subjects he wishes to be examined for college credit.

In case he fails to satisfy the entrance requirements in any one or more of the subjects which he has offered for entrance, but passes the college credit examination in any other subject or subjects, he may use the latter for satisfying the entrance requirements, but in that case he cannot also receive college credit therefor. The college credit examinations will be held in September, on the date set for the entrance examinations in the same subjects.

A candidate using No. 19 in the list of Entrance Subjects (see page 36) to complete the required fifteen units may not apply for an examination for college credit.

ADMISSION OF SPECIAL STUDENTS

A person, ordinarily one of considerable maturity, may under certain circumstances, even without satisfying the entrance requirements, be admitted to one of the colleges of Cornell University as a special student not a candidate for a degree. The applicant must give evidence of ability to do creditable work in the college and his application for admission must be recommended by the department in which he proposes to do the main part of his work.

If a person admitted as a special student without satisfying the entrance requirements subsequently satisfies these requirements, he may be graduated under the ordinary regulations that obtain in the particular college in which he is studying. He will not be permitted, however, to make up deficiencies in entrance subjects by attending University instruction in those subjects.

Candidates for admission as special students must file their applications directly with the dean of the particular college in which they propose to study.

Special students in the College of Arts and Sciences must be at least twenty-three years of age; in the College of Law, in the College of Architecture, and in Sibley College, twenty-one years of age.

The College of Civil Engineering admits as special students persons at least twenty-one years of age who are college graduates and who intend to pursue advanced work without being candidates for a degree. The Sibley College of Mechanical Engineering requires that its special students shall have had engineering experience and the equivalent of the mathematics specified for the admission of regular students.

Special students in the College of Agriculture must have had two full years of recent farm experience and, unless they can satisfy all the entrance requirements for the regular course, must be at least twenty-one years of age.

ADMISSION FROM OTHER COLLEGES

A student who, having already attended a college or a university, desires to be admitted as a candidate for a degree to a college of Cornell University, should file with the Registrar of Cornell University, on an official blank to be obtained from him, a formal application for admission to the college of the University, along with an official certificate from the college or university which he has already attended, giving evidence of (1) his honorable dismissal, (2) his entrance examinations in detail, (3) his terms of attendance and the amount of work that he has completed, and (4) a detailed statement of the courses pursued. He should send also a catalogue of the institution, writing on it his name and marking the entrance requirements which he has satisfied and each subject which he has completed. All applicants for admission from other colleges should consult the special announcement of the college of Cornell University in which they propose to study.

PAYMENTS TO THE UNIVERSITY

Annual Tuition Fees

	Regular Students	Special Students
Graduate School.....	See below	
Medical College.....	\$150	\$150
College of Arts and Sciences.....	125	150
College of Law.....	125	150
Veterinary College.....	100	125
College of Agriculture.....	125	125
Third Term in Agriculture.....	62.50	62.50
College of Architecture.....	150	150
College of Civil Engineering.....	150	150
Sibley College.....	150	150
Summer Session.....	\$30	
Summer School in Agriculture.....	30	
Winter Courses in Agriculture.....	25	

All tuition and other fees may be changed or increased by the Trustees to take effect at any time without previous notice.

Students upon registering become liable for the tuition fee for the term.

The \$100 tuition fee is payable in installments of \$55 at the beginning of the first term and \$45 at the beginning of the second term; the \$125 fee is payable similarly in installments of \$70 and \$55; the \$150 fee, in installments of \$85 and \$65; in the Medical College in New York City, the entire fee is payable at the beginning of the year.

The tuition fee for any term may be refunded to any student who, for reasons satisfactory to the Treasurer and the Registrar, withdraws within twenty days after the first registration day.

A student who, for reasons satisfactory to the Treasurer and the Registrar, withdraws from the University, on or before November 15 or April 1, may have refunded one-half of the tuition fee for the term.

Students registering after December 1 or after April 1 pay for the remainder of the then current term two-thirds of the tuition fee for that term.

Graduate School. The tuition of graduate students candidates for a degree is in general that of the college in which the major subject lies, with the exception that a graduate student whose major subject is in the College of Agriculture, where tuition is free for all graduate work, must if he takes a minor subject in another college pay therefor one-sixth of the tuition prevailing in that college. For each minor subject taken in the College of Agriculture by a student whose major subject is in another college, one-sixth of the tuition will be deducted.

The tuition of students not candidates for a degree is determined on the basis of the tuition rates prevailing in the colleges in which their subjects lie.

Free Tuition. Tuition is free to students who hold State Scholarships.

Tuition is free to New York State students in the Veterinary College; to New York State undergraduate students in the College of Agriculture; to graduate students for work in the College of Agriculture. No student who has received free tuition under these regulations will be allowed to transfer to a college of the University where tuition is charged without first paying tuition fees for the full time spent in the college where he was previously registered.

Tuition in the Summer School in Agriculture and in the Winter Courses in Agriculture is free to students who are residents of the State of New York.

Beginning with September 1915, tuition will be free to all holders of fellowships and scholarships in the Graduate School.

Other Fees

A matriculation fee of \$5 must be paid by all students on entering the University.

Every student (except those registered in the Medical College in New York City) must, at the beginning of each term, pay an Infirmary fee of \$3. Students

in the Winter Courses in Agriculture are required to pay the Infirmary fee for one term. In return for the Infirmary fee, any student who is ill will, on his physician's certificate, be admitted to the Infirmary, and without further charge will have a bed in a ward and will receive board and ordinary nursing, for a period not exceeding two weeks in any one academic year.

Extra charges are made for private rooms, special food, and special nurses.

If an ill student who has not received two weeks service during the year may not be admitted to the Infirmary by reason of lack of accommodation or is not cared for elsewhere by the University, the fee for both terms will be refunded.

Students in the University Summer Session and in the Summer School in Agriculture have all the privileges of admission to the Infirmary. They pay no fee in advance, but are liable for regular charges for the services rendered.

Each student in the Department of Physical Culture is required to pay a fee of \$2 a term.

Students registered in Sibley College or in the College of Civil Engineering are charged \$12.50 a term for materials used in shops and laboratories; students not registered in Sibley College but taking work in the Sibley shops are charged at the rate of \$1.50 for each hour of college credit (fifty actual hours of instruction).

Each student registered in the College of Architecture must pay a fee of \$5.00 a term.

A graduation fee of \$10 is required of each person taking an undergraduate degree, and one of \$20 of each person taking an advanced degree. The graduation fee must be paid at least ten days prior to the date on which the degree is to be conferred.

Every person taking laboratory work or laboratory courses must pay the fee required or must make the required deposit for materials to be used.

THE GRADUATE SCHOOL

THE COLLEGE OF ARTS AND SCIENCES

THE COLLEGE OF LAW

THE MEDICAL COLLEGE

THE VETERINARY COLLEGE

THE COLLEGE OF AGRICULTURE

THE COLLEGE OF ARCHITECTURE

THE COLLEGE OF CIVIL ENGINEERING

THE SIBLEY COLLEGE OF MECHANICAL ENGINEERING AND
MECHANIC ARTS

THE GRADUATE SCHOOL

The purpose of the Graduate School, which has exclusive control of all graduate work carried on in the University, is to provide the student with the method and discipline of original research, to the ultimate end that he may contribute to the advancement of knowledge. In furnishing this opportunity for independent study and investigation, the Graduate School seeks to make the conditions such as will enable the student to devote himself wholly to his chosen field. Unhampered by the restrictions that necessarily obtain in undergraduate work, he will come into freedom of association with older scholars, who will seek to make his work profitable to him by giving such aid and direction as he may need.

All courses of study offered in the University, and all the facilities for study and investigation afforded by its libraries and laboratories, are open to students in the Graduate School, subject only to the condition of their being qualified by previous study or experience to undertake the particular work desired.

The Faculty of the Graduate School is composed of those professors, assistant professors, and instructors who are, as members of special committees, engaged in supervising the work of graduate students.

ADMISSION

Graduates of the following colleges of Cornell University, namely, the College of Arts and Sciences, the Medical College, the College of Architecture, the College of Civil Engineering, the Sibley College of Mechanical Engineering, and the College of Agriculture, and graduates of other institutions in which the requirements for the first degree are substantially equivalent, are eligible for admission to the Graduate School. In other cases, studies pursued after graduation and experience gained by professional work or otherwise are taken into consideration in deciding whether the candidate's preparation as a whole is such as to justify his admission to the Graduate School. Graduates of colleges other than those of Cornell University may be admitted to the Graduate School, but not to candidacy for an advanced degree, in case their training is accepted as less than one year short of that required for the first degree at Cornell University.

Seniors in the colleges of Cornell University who have completed the work required for the Bachelor's degree may, under certain conditions to be ascertained from the deans of their respective colleges, be admitted to the Graduate School.

CANDIDACY FOR AN ADVANCED DEGREE

A student is admitted as a candidate for an advanced degree when he has satisfied the Faculty, and especially the professors with whom he intends to work, that both his general preparation and his preliminary work in his specialty are satisfactory in kind and sufficient in amount. For a student who has been admitted to candidacy for an advanced degree, the minimum time of residence for the Master's degree is one year, and for the Doctor's degree three years, provided that the work accomplished during that time is satisfactory.

Not all students admitted to the Graduate School may expect to obtain a degree at the end of the minimum period of residence. A student whose undergraduate work has been insufficient in amount or too narrowly specialized, or whose preparation in his special field is inadequate, must count upon spending some time, in addition to the minimum residence requirement, in work of a less advanced character. The minimum residence requirement, applies only to graduates of a four year curriculum in some college of Cornell University, and to graduates of other institutions who have pursued an equivalent course of study.

The branch of knowledge to which the student intends to devote the larger part of his time is termed his major subject. The other fields of study selected,

which will be necessarily more restricted in their scope and which should in general be selected with reference to their direct bearing upon the major subject, are termed the minor subjects. Candidates for the Doctor's degree are required to select a major subject and two minor subjects; for the Master's degree, a major subject and one minor subject are required.

The work of each candidate for an advanced degree is in charge of a committee consisting of two or more professors under whom his major and minor subjects are pursued, the professor of his major subject being chairman.

THE DEGREE OF DOCTOR OF PHILOSOPHY

The degree of Doctor of Philosophy is granted to a student who, after completing not less than three years of resident graduate work, presents a satisfactory thesis, and passes an examination on his major and minor subjects and on the subject matter of his thesis. Each candidate for the Doctor's degree must deposit one hundred printed copies of his thesis with the Dean for the use of the University Library.

The Doctor's degree is intended to represent not a specified amount of work covering a specified time, but long study and high attainment in a special field, proved in the first place by the presentation of a thesis which displays the power of independent investigation, and in the second place by passing corresponding examinations upon the ground covered by the major and minor subjects chosen at the beginning of the candidacy. The standard for the Doctor's degree is determined by the attainment to be expected of an excellent student who begins his work with adequate preparation, and devotes his whole time for three years to his major and minor subjects and to his thesis.

Candidates for the Doctor's degree will ordinarily be expected to have a working knowledge of French and German before beginning graduate work; and in all cases they must, before beginning their second year of residence, show to the satisfaction of their special committees that they possess a reading knowledge of these languages. If the subjects chosen by the candidate are of such character as to make it desirable that he should be familiar with some foreign language other than French and German, the special committee may, with the consent of the Dean, permit the substitution of that language for one of the two required.

Examinations for the Doctor's degree may be either oral or written, or both, at the option of the examining committee, and are open to all members of the Faculty.

The thesis for the Doctor's degree must be of such character as shall demonstrate the candidate's ability to do original work, and in respect of style and composition must be approved by the General Committee of the Graduate School or by some member of the Faculty who has been designated by the General Committee.

THE MASTER'S DEGREE

Cornell University confers the degrees of Master of Arts, Master of Architecture, Master of Civil Engineering, Master of Mechanical Engineering, Master in Forestry, Master in Landscape Design, and Master of Science in Agriculture.

After admission to candidacy for the degree, the student must spend at least one year in residence at this University and must pursue under the direction of his special committee, a course of advanced study including one major and one minor subject.

Each candidate must present a thesis, or essay, as the chairman of his special committee may decide, which shall demonstrate his ability to do independent work, and which shall be acceptable in style and composition. He must then pass an examination on his major and his minor subject and on the subject matter of his thesis.

GRADUATE WORK IN THE SUMMER

Graduate work may be pursued during the summer by: a. a student who is registered in the Graduate School and also in the University Summer Session (including the summer school in agriculture); b. a student who is registered in the Graduate School and also in the third term of the College of Agriculture; c. a

student who is registered only in the Graduate School and is working under the direction of a member of his special committee.

Work done in the Summer Session of Cornell University, under the direction of a member of the Faculty of the Graduate School, may be counted for residence toward the Master's degree. Three Summer Sessions are reckoned as one term of residence, five Summer Sessions as two terms.

The third term in the College of Agriculture is accepted for purposes of graduate residence as the equivalent of one of the regular terms of the year; but no candidate for the Doctor's degree will be allowed to receive credit for more than two terms of residence during any period of twelve months.

Members of the University Faculty who may so desire have been authorized to offer summer work for graduate students even when such work is entirely separate from the Summer Session and from the third term in the College of Agriculture; and students taking such summer work under the personal direction of the member of the committee having charge of the work may, at the discretion of their special committee, be relieved from residence during an equal part of the University year. But no student who offers summer work as above will be recommended for a degree at an earlier date than if all of the work had been done in the regular sessions of the academic year.

FELLOWSHIPS AND GRADUATE SCHOLARSHIPS

The following twenty-five fellowships are annually offered in the Graduate School.

1. The Cornell Fellowship in English.
2. The McGraw Fellowship in Civil Engineering.
3. The Sage Fellowship in Chemistry.
4. The Schuyler Fellowship in Physiology; Vertebrate Zoology, including Anatomy and Histology and Embryology; or Invertebrate Zoology and Entomology.
5. The Sibley Fellowship in Mechanical and Electrical Engineering.
6. The Goldwin Smith Fellowship in Botany; Geology; or Physical Geography.
7. The President White Fellowship in Physics.
8. The Erastus Brooks Fellowship in Mathematics.
9. The University Fellowship in Architecture.
10. The University Fellowship in Romance Languages.
11. The University Fellowship in German.
12. The University Fellowship in Agriculture or in Veterinary Science.
13. The University Fellowship in Mechanical and Electrical Engineering.
14. The President White Fellowship in Modern History.
15. The President White Fellowship in Political and Social Science.
- 16-17. The Susan Linn Sage Fellowships in Philosophy.
18. The Susan Linn Sage Fellowship in Psychology.
- 19-20. The Fellowships in Political Economy.
- 21-22. The Fellowships in Greek and Latin.
23. The Fellowship in American History.
24. The Jacob H. Schiff Fellowship in German.
25. The Edgar J. Meyer Memorial Fellowship in Engineering Research.

The President White Fellowships in Modern History and in Political and Social Science have an annual value of \$600 each; the others have an annual value of \$500 each.

The following seventeen graduate scholarships are annually offered in the Graduate School.

- 1-5. The Susan Linn Sage Graduate Scholarships in Philosophy.
6. The Susan Linn Sage Graduate Scholarship in Psychology.
7. The Graduate Scholarship in Mathematics.
8. The Graduate Scholarship in Chemistry.
9. The Graduate Scholarship in Physics.
10. The Graduate Scholarship in Civil Engineering.
11. The Graduate Scholarship in Latin and Greek.

12. The Graduate Scholarship in Archæology and Comparative Philology.
13. The Graduate Scholarship in Physiology; Vertebrate Zoology, including Anatomy and Histology and Embryology; or Invertebrate Zoology and Entomology.
14. The Graduate Scholarship in Botany; Geology; or Physical Geography.
15. The Graduate Scholarship in English.
16. The Graduate Scholarship in History.
17. The Graduate Scholarship in Architecture.

The graduate scholarships have an annual value of \$300 each with the exception of the Scholarship in Architecture which merely gives to the holder free tuition.

Holders of fellowships and scholarships pay tuition and other fees as do other graduate students.

Beginning in September, 1915, tuition will be free to holders of fellowships and scholarships; the President White Fellowships will have an annual value of \$500 each; all other fellowships will have an annual value of \$400 each; all graduate scholarships will have an annual value of \$200 each.

Official forms for submitting applications for fellowships and graduate scholarships may be obtained from the Dean of the Graduate School. All applications must be submitted to him on or before March 15 of the academic year preceding the one for which application is made. Before this application is filed, the applicant should have convinced himself by correspondence with the Dean that he is eligible for admission to the Graduate School of this University in full standing, since appointments are made only to those who are eligible for admission to candidacy for an advanced degree.

The term of each fellowship and graduate scholarship is one year; but the term may under exceptional circumstances be extended to two years.

Each holder of a fellowship or graduate scholarship may be called upon to render service to the University in the work of instruction or examination to the extent of four hours a week through the academic year.

All persons elected to fellowships and graduate scholarships are required, upon accepting their appointments, to file a bond that, in case of their resignation before the expiration of the time for which they were appointed, they will repay to the University any sums that they may have received.

The President White Fellowships in History and Political Science may, in the discretion of the Faculty of the Graduate School, be made travelling fellowships. In the case of a student of very exceptional ability and promise in the fields of either of these fellowships, the two fellowships may, in the discretion of the Faculty, be combined for a single year into one.

The Jacob H. Schiff Fellowship in German may also, in the discretion of the Faculty of the Graduate School, be made a travelling fellowship.

Honorary Fellowships

Persons upon whom the Doctor's degree has already been conferred may, in the discretion of the Faculty of the Graduate School, be appointed to honorary fellowships. These fellowships cover all fees except laboratory charges. Actual residence at the University and regular registration in the Graduate School are required of all appointees.

GRADUATE PRIZE IN PHILOSOPHY

A Graduate Prize in Philosophy of the annual value of about \$25, is open for competition to all students registered in the Graduate School. The prize will be awarded to the graduate student who submits the best paper embodying the results of research in the field of philosophy.

For tuition and fees in the Graduate School see page 42.

GRADUATE STUDENTS, 1914-15

†Not candidate for a degree. ††Seniors who had completed the requirements for the baccalaureate degree (except in some cases the residence requirement) and were admitted to the Graduate School before the degree was actually conferred.

- Alexander, Charles Paul, B.S. 1913, Limnology, Systematic Entomology, Morphology (Needham, Bradley, Riley) Gloversville Ph.D.
 Alexander, Christine, A.B. (Maryville) 1913, Greek, Classical Archaeology (Bristol, Andrews) Maryville, Tenn. A.M.
 Allen, Charles Ethan, A.B. (Wabash) 1914, Histology and Embryology, Entomology, Vert. Zoology (Kingsbury, Needham, Reed) Orleans, Ind. Ph.D.
 †Alvord, Katharine, A.B. (Michigan) 1893; M.A. (Columbia) 1908, [Adviser: Hull] Sandusky, O.
 Anderson, Elam Jonathan, A.B. (Drake) 1912, Educational Psychology, Oratory (Whipple, Winans) Pine Bluff, Wyo. A.M.
 Apgar, Clara Selkreg, A.B. 1905, Latin, Ancient History (Durham, Elmer, Sill) Ithaca A.M.
 Ashworth, Paul Parrish, M.E. 1914, Diesel Engine Plant Design, Municipal Management (Carpenter, Kimball) Provo, Utah M.M.E.
 Bahringer, Jessie Ruth, A.B. 1913, German Literature, German Philology, Mathematics (Faust, Boesche, Snyder) Cattaraugus Ph.D.
 Baker, Gertrude Q., B.A. (Western) 1914, English, Chemistry (Sampson, Dennis) Middletown, O. A.M.
 Baker, Thomas Alexander, B.S. 1914, Animal Husbandry, Farm Management (Savage, Warren) Trumansburg
 Baldwin, Dane Lewis, A.B. 1909; M.A. (Yale) 1910, Literary Criticism, Middle English, Philosophy (Cooper, Strunk, Creighton) Groton M.S. in Agr.
 Banks, Elizabeth, B.S. 1914, Pomology, Rural Education (Wilson, Works) Ithaca Ph.D.
 Baxter, Hubert Eugene, B.Arch. 1910, Advanced Architectural Design, Water Color Painting (Kahn, Midjo) Worcester M.Arch.
 Beaumont, Arthur Bishop, B.S. (Kentucky) 1908, Soil Technology, Physical Chemistry, Plant Physiology (Bizzell, Bennett, Knudson) Monmouth, Ore. Ph.D.
 Bee, Charles Everett, A.B. in C.E. (Stanford) 1910, Economic Phases of Engineering Projects, Accounting in Construction Work (Crandall, Young) Cupertino, Cal. M.C.E.
 Bee, Nai Kim, B.Chem. 1914, Inorganic Chemistry, Sanitary Chemistry (Browne, Chamot) Ithaca A.M.
 Beitz, William Edward, C.E. 1913, Bridge Engineering, Concrete Construction (Jacoby, Haskell) Ithaca M.C.E.
 †Bennett, Edmund Roswell, B.S. (Mich. Agr.) 1902; M.H. (same) 1909, [Adviser: White] Ft. Collins, Colo.
 Bennett, Harold Selden, A.B. 1913, Inorganic Chemistry, Physical Chemistry, Analytical Chemistry (Browne, Bennett, Lundell) Ithaca Ph.D.
 Berry, Charles Harold, M.E. 1912, Experimental Engineering, Thermodynamics (Carpenter, Trevor) Ithaca M.M.E.
 Birch, Raymond Russell, B.S. (Kansas State Agr.) 1906; D.V.M. 1912, Hog Cholera, Clinical Diagnosis, Urine Analysis (Moore, Udall, Fish) Ithaca Ph.D.
 Bishop, Homer Guy, B.S. (Ohio) 1911; M.S. (same) 1912, Experimental Psychology, Physiology, Educational Psychology (Titchener, Simpson, Fraser) Derby, O. Ph.D.
 Blackstone, James Henry, Semitic Languages and Literature, Oriental History, Political Science, Philosophy (Schmidt, Saby, Thilly) Nanking, China Ph.D.
 Böck, Joseph Carl, Ing. Chem. (Vienna Poly. Inst.) 1909, Biological Chemistry, Physiology, Bacteriology (Benedict, Lusk, Elser) Brooklyn Ph.D.
 Boshnakian, Sarkis, B.S. in Agr. (Wisconsin) 1914, Plant Breeding, Plant Physiology (Love, Knudson) Madison, Wis. M.S. in Agr.
 Bowen, Ray Preston, A.B. (Harvard) 1905, French, Spanish (Mason, Keniston) Wellsboro, Pa. A.M.
 Bown, Ralph, M.E. 1913, Electrophysics, Electrical Engineering, Mathematics (Bedell, Karapetoff, Sharpe) Fairport Ph.D.
 Bradley, Jesse Franklin, A.B. 1911, Elizabethan Literature, English Language, Philosophy (Adams, Monroe, Creighton) Saugatuck, Conn. Ph.D.
 Brezee, Elizabeth Lenita, A.B. (Vassar) 1911, Histology and Embryology, Bacteriology, Physiology (Gudernatsch, Elser, Lusk) Saratoga Springs Ph.D.
 Bridgman, J. Allington, B.Chem. 1914, Inorganic Chemistry, Physical Chemistry, Sanitary Chemistry (Dennis, Bennett, Chamot) Ithaca Ph.D.
 Brown, George Henry, B.L. (Dartmouth) 1894; A.M. 1906, French, Spanish, Italian (Comfort, Keniston, Hamilton) Lebanon, N. H. Ph.D.
 Brown, Thomas Benjamin, A.B. 1912, Experimental Physics, Theoretical Physics, Electrical Engineering (Merritt, Blaker, Karapetoff) Cohocton Ph.D.

- Bundy, Murray Wright, A.B. 1912; A.M. 1913, Ithaca
Literary Criticism, Elizabethan Literature, Philosophy (Cooper, Adams, Creighton) Ph.D.
- Burke, Carl Martin, A.B. (Bethany) 1912; A.M. (Kansas) 1913, McPherson, Kans.
Economics and Finance, Economics and Distribution, Economics and Statistics) Young, Ph.D.
- Burkholder, Walter H., A.B. (Wabash) 1913, Crawfordville, Ind.
Plant Pathology, Plant Breeding, Botany (Reddick, Gilbert, Wiegand) Ph.D.
- Burrows, George Allen, A.B. (Hobart) 1913, No. Tonawanda
Forest Protection, Forest Utilization (Spring, Recknagel) M.F.
- Camp, Chester Claremont, B.A. (Grinnell) 1914, Corning, Ia.
Mathematical Analysis, Geometry (Hurwitz, Carver) A.M.
- Carpenter, James McFadden, jr., A.B. (Haverford) 1912; A.M. (same) 1913, Pittsburgh, Pa.
French, Spanish, Italian (Comfort, Keniston, Hamilton) Ph.D.
- Carrick, Doak Bain, A.B. (Wake Forest) 1910, High Point, N. C.
Pomology, Plant Breeding, Floriculture (Wilson, Gilbert, White) Ph.D.
- Caswell, Sarah Palmer, A.B. (Wellesley) 1912, Norton, Mass.
Inorganic Chemistry, Physics, Organic Chemistry (Dennis, Merritt, Orndorff) Ph.D.
- Chao, Yuen Ren, A.B. 1914, Ithaca
Logic and Metaphysics, Ethics, Psychology (Creighton, Hammond, Albee, Thilly, Weld) Ph.D.
- †Chapman, Grace Elizabeth, A.B. 1914, Auburn
[Adviser: Rose]
- Chen, Phoo Hwa, B.C.E. (Michigan) 1914, Tukien, China
Bridge Engineering, Railroad Engineering (Jacoby, Crandall) M.C.E.
- Chow, Jen, M.E. 1914, Ithaca
Experimental Engineering, Analytical Chemistry (Sawdon, Lundell) M.M.E.
- †Christensen, Abby Winch, A.B. (Radcliffe) 1910, Beaufort, S. C.
[Adviser: Curtis]
- Chupp, Charles, A.B. (Wabash) 1913, Edinburgh, Ind.
Plant Pathology, Plant Physiology, Plant Breeding (Whetzel, Gilbert, Knudson) Ph.D.
- Church, Clarence Cecil, B.S. (St. Lawrence) 1914, Canton
Ethics, Logic and Metaphysics, Education (Thilly, Creighton, Albee, Hammond) Ph.D.
- Clark, Mildred, A.B. 1914, Ithaca
Elizabethan Drama, Medieval History (Sampson, Burr) A.M.
- Clemens, Wilbert Amie, B.A. (Toronto) 1912; M.A. (same) 1913, Edmonds, B. C.
Limnology, Economic Entomology, Systematic Entomology (Needham, Herrick, Bradley) Ph.D.
- Cole, Howard Irving, B.Chem. 1914, New Rochelle
Sanitary Chemistry, Inorganic Chemistry, Physical Chemistry (Chamot, Dennis, Bancroft) Ph.D.
- Colton, Willoughby Francis, A.B. (Centre) 1906; A.B. (Yale) 1907, Ithaca
Conlin, Henry Joseph, A.B. 1913; B.Chem. 1914, Glens Falls
Agricultural Chemistry, Sanitary Chemistry, Bacteriology (Cavanaugh, Chamot, Stocking) Ph.D.
- Conwell, Walter Lichtenthæler, C.E. 1911, Ithaca
Railroad Engineering, Hydraulic Engineering (Crandall, George) M.C.E.
- Corrington Julian Dana, A.B. 1913, Hot Springs, Ark.
Zoology, Entomology, Histology and Embryology (Reed, Riley, Kingsbury) Ph.D.
- †Corwin, Blanche A., B.S. 1913, Altmar
[Adviser: Comstock]
- Cotton, Richard Thomas, B.S. 1914, Ithaca
Economic Entomology, Insect Morphology (Matheson, Riley) M.S. in Agr.
- Cowles, Frank Hewitt, Ph.B. (Wooster) 1907, Huron, S. D.
Latin, Greek, Archaeology (Bennett, Bristol, Andrews) Ph.D.
- Cox, Warren Rollin, B.S. (Rose Poly.) 1914, Terre Haute, Ind.
Electrochemistry, Electrical Engineering (Bennett, Karapetoff) A.M.
- Cragwall, Gordon Owen, A.B. (Wabash) 1913, Crawfordville, Ind.
Inorganic Chemistry, Analytical Chemistry, Sanitary Chemistry (Dennis, Lundell, Chamot) Ph.D.
- Crandall, Norris Ingersoll, B.Arch. 1914, Ithaca
Architectural Design, History of Architecture (Kahn, Phelps) M.Arch.
- Crane, Esther, A.B. (Smith) 1910; A.M. (Oberlin) 1913; A.M. (Smith) 1914, Kenton, O.
Logic and Metaphysics, Ethics, Education (Creighton, Albee, Thilly, Fraser) Ph.D.
- Crane, Marion Delia, B.A. (Bryn Mawr) 1911; M.A. (same) 1914, Providence, R. I.
Metaphysics, Ethics, English (Creighton, Albee, Hammond, Thilly, Cooper) Ph.D.
- Crittenden, Charles Glenn, B.S. 1913, Buffalo
Plant Pathology, Entomology, Plant Breeding (Reddick, Herrick, Gilbert) Ph.D.
- Cromwell, Oliver Frank Woolley, B.S. 1914, Newburgh
Pomology, Vegetable Gardening (Chandler, White) M.S. in Agr.
- Crowell, Melvin Gleason, A.B. 1912; A.M. 1912, Belfast
History of English Drama, 19th Century Literature, Aesthetics (Strunk, Northup, Hammond) Ph.D.
- †Curtis, George Terry, B.A. (Williams) 1914, Plattsburg
[Adviser: Spring]
- Curtis, Josephine Nash, A.B. (Wellesley) 1910; A.M. (same) 1912, Machias, Me.
Experimental Psychology, Educational Psychology, Mathematics (Titchener, Fraser, McMahon) Ph.D.
- Curtis, Otis Freeman, A.B. (Oberlin) 1911, Oberlin, O.
Plant Physiology, Plant Pathology, Physical Chemistry (Knudson, Whetzel, Bennett) Ph.D.

- Cusick, James Thomas, B.S. (Colgate) 1907, Ithaca
Agricultural Chemistry, Dairy Bacteriology, Sanitary Chemistry (Cavanaugh, Stocking, Chamot) Ph.D.
- Dalrymple, Charles Orson, B.S. in Agr. 1912, Elmira
Plant Pathology, Economic Entomology, Plant Breeding (Whetzel, Herrick, Gilbert) Ph.D.
- Dann, Archie Byron, B.S. 1914, Ithaca
Animal Husbandry, Poultry Husbandry (Savage, Rice) M.S. in Agr.
- †Darrow, Edith May, A.B. (Middlebury) 1913, Ithaca
[Adviser: Van Rensselaer]
- Davis, Adam Clarke, jr., M.E. 1914, Goldsboro, N. C.
Engineering Research, Experimental Engineering (Sawdon, Diederichs) M.M.E.
- Davis, Henry Kennedy, A.B. 1912, St. Johnsville
Anatomy, Physiology, Histology and Embryology (Kerr, Simpson, Kingsbury) Ph.D.
- Davis, Merritt James, B.Chem. 1914, Dunkirk
Inorganic Chemistry, Physical Chemistry, Physics (Dennis, Bennett, Merritt) Ph.D.
- Davis, Norman Bruce, B.Sc. (Queens) 1911; A.M. 1914, Kingston, Canada
Economic Geology, Physical Geography, Soils (Ries, von Engeln, Bizzell) Ph.D.
- Davis, Victor Hugo, Ph.B. (Alfred) 1911, Alfred
Victorian Literature, American Literature (Northup, Prescott) A.M.
- Dean, Elizabeth, B. A. (Wellseley) 1913, Falmouth, Mass.
Botany, Landscape Art (Wiegand, Curtis) A.M.
- Deans, William, jr., M.E. 1913, Ithaca
Electrical Engineering, Theoretical Electricity and Magnetism (Karapetoff, Merritt) M.M.E.
- Deatrick, Eugene Peyton, A.B. (Franklin and Marshall) 1911, Kutztown, Pa.
Soil Technology, Bacteriology, Organic Chemistry (Bizzell, Moore, Orndorff) Ph.D.
- Degener, Lyda May, A.B. 1914, Philadelphia, Pa.
Zoology, Sanitary Chemistry (Reed, Chamot) A.M.
- Denny, John DeWitt, A.B. 1913, Columbia, Pa.
Histology and Embryology, Human Anatomy, Zoology (Kingsbury, Kerr, Reed) Ph.D.
- DePorte, Joseph Vital, A.B. (Oklahoma) 1912; A.M. (Princeton) 1914, Ithaca
Geometry, Mathematical Analysis, Philosophy (Snyder, Hurwitz, Creighton) Ph.D.
- †Dicker, Louis, B.S. 1914, Ithaca
[Adviser: Wing]
- Dix, Edgar Hutton, jr., M.E. 1914, Roland Park, Md.
Experimental Engineering, Electrical Engineering (Upton, Karapetoff) M.M.E.
- Douglas, Gertrude Elizabeth, A.B. (Smith) 1904; A.M. 1907, Gardner, Mass.
Mycology, Plant Histology, Plant Physiology (Atkinson, Wiegand, Knudson) Ph.D.
- Downs, Lynwood Gifford, A.B. 1914, Mattituck
German, Philosophy (Faust, Pope, Creighton) A.M.
- Drummond, Alexander M., A.B. (Hamilton) 1906; A.M. (Harvard) 1907; A.M. (Hamilton) 1909, Auburn
Literary Criticism, Old English, Oratory (Cooper, Strunk, Winans) Ph.D.
- Dye, Daniel Sheets, B.S. (Denison) 1907, Boston, Mass.
Experimental Physics, Photometry and Illumination (Nichols, Richtmyer) A.M.
- Dynes, Oliver Wesley, B.S. (No. Dak. Agr.) 1907; M.S. in Agr. 1912, Fargo, N. D.
Farm Crops, Plant Breeding, Soils (Montgomery, Love, Bizzell) Ph.D.
- Ellenberger, Howard Bowman, B.S.A. (Iowa State) 1905, Ithaca
Dairy Industry (Ice Cream and Cheese), Dairy Industry (Butter), Agricultural Chemistry (Fisk, Guthrie, Cross) Ph.D.
- Elley, Harold Walter, B.Sc. (Nebraska) 1912; M.A. (same) 1913, Madison, Neb.
Inorganic Chemistry, Physical Chemistry, Economic Geology (Browne, Bennett, Ries) Ph.D.
- Ellis, William Otterbein, A.B. (Lebanon Valley) 1911; M.S. (Iowa State) 1913, Pullman, Wash.
Economic Entomology, Insect Morphology, Comparative Anatomy of Vertebrates (Herrick, Riley, Reed) Ph.D.
- Elston, Ellsworth David, A.B. 1912, Ithaca
Physical Geography, Economic Geology (von Engeln, Ries) A.M.
- Engelder, Carl John, A.B. 1913; B.Chem. 1914, Ithaca
Physical Chemistry, Inorganic Chemistry, Econ. Geology (Bancroft, Browne, Ries) Ph.D.
- Etheridge, William Carlyle, B.S. (N. C. A. & M.) 1906; M.S. (same) 1908; M.S. in Agr. 1912, Raleigh, N. C.
Farm Crops, Plant Physiology, Soil Technology (Montgomery, Knudson, Bizzell) Ph.D.
- Evans, Austin Patterson, A.B. 1911, Ithaca
Medieval History, Modern European History, English History (Burr, Sill, Lunt) Ph.D.
- Farnum, Fae, B.S. (Iowa State) 1909, Ames, Ia.
Geometry, Mathematical Analysis (Snyder, McKelvey) A.M.
- Fiske, Frederic Ebell, A.B. 1914, Ithaca
Elizabethan Literature, History of Philosophy (Adams, Creighton) A.M.
- Flynn, William Francis, B.Chem. 1914, Johnstown
Agricultural Chemistry, Organic Chemistry, Electrochemistry (Cavanaugh, Orndorff, Bennett) Ph.D.
- Fox, Daniel Scott, B.S. 1913, Prattburg
Farm Management, Soils, Cost Accounting (Warren, Bizzell, Livermore) Ph.D.
- Fraser, Allan Cameron, B.S. 1913, Buffalo
Plant Breeding, Botany, Floriculture (Gilbert, Wiegand, Beal) Ph.D.
- Frayer, William Alley, A.B. 1903, Ithaca
Modern European History, Medieval History, Political Science (Burr, Hull, Orth) Ph.D.
- Frederiksen, Felix Morse, A.B. 1914, Little Falls
Organic Chemistry, Physical Chemistry, Physiological Chemistry (Orndorff, Bancroft, Sumner) Ph.D.

- Fried, Jerome Arthur, M.E. 1910, New York City
Gas Engine Design, Experimental Engineering (Hirshfeld, Carpenter) M.M.E.
- Friedel, Jacob Hyman, A.B. 1914, Brooklyn
English History, English (Lunt, Adams) A.M.
- Friedman, William Frederick, B.S. 1914, Pittsburgh, Pa.
Plant Breeding, Plant Physiology, Organic Chemistry (Gilbert, Knudson, Orndorff) Ph.D.
- Funkhouser, William Delbert, A.B. (Wabash) 1905; A.M. 1913, Ithaca
Insect Ecology, Insect Morphology, Systematic Entomology (Johannsen, Riley, Bradley) Ph.D.
- George, S. Shidadeh, B.A. (Beirut) 1912; M.A. (Nebraska) 1914, Philadelphia, Pa.
Psychology, History of Philosophy, Educational Psychology (Titchener, Creighton, Fraser) Ph.D.
- Gephart, Frank Curtis, A.B. (Kansas) 1906, New York City
Physiology, Chemistry, Bacteriology and Drug Assay (Lusk, Benedict, Elser) Ph.D.
- †Gibson, Heber Howard, A.B. (Denison) 1909; M.A. (Columbia) 1912, Covert
[Adviser: Works]
- Gibson, Kasson Stanford, A.B. 1912, Norwich
Experimental Physics, Theoretical Physics, Luminescence (Nichols, Merritt, Gibbs) Ph.D.
- Giessing, Charles Paul Gustav, A.B. 1914, Brooklyn
German, Medieval History (Faust, Burr) A.M.
- Goldberg, Samuel Alexander, D.V.M. 1914, Ithaca
Comparative Pathology, Comparative Bacteriology (Burnett, Moore) A.M.
- Goldfarb, Israel, B.S. 1914, New York City
Chemistry, Physics (Browne, Blaker) A.M.
- Graham, Samuel Alexander, B.S. in For. (Minnesota) 1914, Minneapolis, Minn.
Economic Entomology, Silviculture (Herrick, Spring) M.F.
- Greenberg, David Benjamin, A.B. (Columbia) 1914, New York City
Poultry Husbandry, Rural Economy (Rice, Lauman) A.M.
- †Grimes, Waldo Ernest, B.S. (Kansas State Agr.) 1913, Manhattan, Kans.
[Adviser: Warren]
- Griscom, Ludlow, B.A. (Columbia) 1912, New York City
Zoology, Entomology (Reed, Riley) A.M.
- Guise, Cedric Hay, B.S. 1914, Findlay, O.
Forest Management, Silviculture (Recknagel, Spring) M.F.
- Hainlin, Gretchen Lina, A.B. 1913, Elizabeth, N. J.
Sanitary Chemistry, Bacteriology (Chamot, Moore) A.M.
- Hall, Thomas Dennison, B.A. (Cape of Good Hope) 1910; B.S. in Agr. (Illinois) 1914, Lady Prand, So. Africa
Soil Technology, Plant Physiology (Lyon, Knudson) M.S. in Agr.
- Hancy, Anna Jane, A.B. 1912, Hayts Corners
Systematic Botany, Pomology (Wiegand, Wilson) A.M.
- Hardenburg, Earle Volcart, B.S. 1912, Brocton
Farm Crops, Plant Breeding, Farm Management (Montgomery, Myers, Warren) Ph.D.
- Harris, Rebecca Stoneman, A.B. 1913, Ithaca
French, Spanish (Mason, Keniston) A.M.
- Harvey, Lew Ellsworth, B.S. 1914, Marathon
Farm Management, Poultry Husbandry (Livermore, Rice) M.S. in Agr.
- Haskell, Royal Joyslin, B.S. (Dartmouth) 1912, Rochester, Mass.
Plant Pathology, Plant Physiology, Entomology (Barrus, Knudson, Herrick) Ph.D.
- Hausman, Leon Augustus, A.B. 1914, New Haven, Conn.
Zoology, Meteorology (Reed, Wilson) A.M.
- Hawes, Raymond Preston, A.B. (Brown) 1912; A.M. (same) 1913, Riverside, R. I.
Logic and Metaphysics, Ethics, Education (Creighton, Albee, Hammond, Thilly) Ph.D.
- Hawley, Ira Myron, B.A. (Michigan) 1909, Canandaigua
Economic Entomology, Systematic Entomology, Plant Pathology (Herrick, Bradley, Whetzel) Ph.D.
- Hebel, John William, A.B. (Indiana) 1912; A.M. 1913, Auburn, Ind.
Elizabethan Drama, English Poetry, Philosophy (Adams, Sampson, Creighton) Ph.D.
- Heinicke, Arthur John, B.S. in Agr. (Missouri) 1913; M.A. (same) 1914, Ithaca
Pomology, Plant Physiology, Botany (Chandler, Knudson, Wiegand) Ph.D.
- Helmick, Ben Coe, B.S. in Agr. (Iowa State) 1914, Washington, Ia.
Plant Breeding, Plant Physiology (Love, Knudson) M.S. in Agr.
- Hendricks, Harold Davis, A.B. (Wabash) 1914, Jamestown, Ind.
Plant Pathology, Plant Physiology, Organic Chemistry (Reddick, Knudson, Orndorff) Ph.D.
- †Henry, Mary Francis, A.B. (Colorado Coll.) 1905, Denver, Colo.
[Adviser: Rose]
- Hill, Reuben Lorenzo, B.S. (Utah Agr.) 1912, Springville, Utah
Experimental Physiology, Biochemistry, Animal Husbandry (Simpson, Sumner, Wing) Ph.D.
- Hitchcock, Ethel Olivia Hunter, M.D. 1902, New York City
Physiological Chemistry, Physiology, Hygiene (Benedict, Lusk, Torrey) Ph.D.
- †Hodgman, Arthur Wesley, B.S. in For. (Minnesota) 1912, St. Paul, Minn.
[Adviser: Davis]
- Hook, Joseph Stanley, A.B. (Stanford) 1910; A.M. (same) 1913, Perris, Cal.
Economic Geology, Stratigraphic Geology, Mining Machinery (Ries, Harris, Kimball) Ph.D.
- Horn, Howard Fisher, B.Arch. 1913, Lima, O.
Design, Architectural Administration (Kahn, Martin) M.Arch.
- Hotchkiss, Herbert Vinton, B.S. C.E. (Pennsylvania) 1914, Philadelphia, Pa.
Economics of Railroad Location and Operation, Economics and Finance (Crandall, Young) M.C.E.

- Hottes, Alfred Carl, B.S. 1913; M.S. in Agr. 1914,
Floriculture, Plant Breeding, Botany (Beal, Gilbert, Rowlee) Ithaca
Ph.D.
Hovey, Edward A., B.Chem. 1911, Glens Falls
Sanitary Chemistry, Inorganic Chemistry, Physical Chemistry (Chamot, Dennis, Bancroft)
Ph.D.
- Howard, Delton Thomas, A.B. (Lawrence) 1910; A.M. (Illinois) 1912, Appleton, Wis.
Metaphysics, Psychology, Ethics (Albee, Hammond, Weld, Thilly) Ph.D.
- Hu, Minfu Tah, A.B. 1914, Ithaca
Mathematics, Physics, Philosophy (Hurwitz, Merritt, Creighton) Ph.D.
- Hu, Shien Sung, B.S. 1914, Shanghai, China
Silviculture, Forest Mensuration (Spring, Bentley) M.F.
- Hu, Suh, A.B. 1914, Ji-chee, Anhui, China
Philosophy, English, Political Science (Thilly, Northup, Johnson) Ph.D.
- Hughes, Ruby Beatrice, B.A. (Western) 1911, Gurnee, Ill.
Limnology, Taxonomic and Ecological Botany (Needham, Wiegand) A.M.
- Hugins, Charles Roland, A.B. 1911, Ithaca
Economic Theory, Sociology, Accounting and Finance (Johnson, Willcox, Bauer) Ph.D.
- Irish, Eugene Jennings, B.A. 1913, Auburn
Silviculture, Wood Technology (Hosmer, Recknagel) M.F.
- Jennings, David Stout, B.S. (Utah Agr.) 1912, Hinckley, Utah
Soils, Physiography, Physical Chemistry (Bizzell, von Engeln, Bennett) Ph.D.
- Johnson, Gertrude Amelia, B.S. (Northwestern) 1911; M.S. (Illinois) 1913, Chicago, Ill.
Histology and Embryology, Botany, Biology (Kingsbury, Wiegand, Needham) Ph.D.
- †Johnson, Howard Eckler, D.V.M. 1914, Ithaca
Jones, Jacob Oscar, B.S. (Kansas) 1912, Lawrence, Kans.
Experimental Hydraulics, Bridge Engineering (Schoder, Jacoby) M.C.E.
- Jones, Vern Reuben, B.S. (Washington State) 1912, Walla Walla, Wash.
Testing Dairy Products, Dairy Bacteriology (Troy, Stocking) M.S. in Agr.
- Keefer, William Edwin, Ph.B. (Franklin and Marshall) 1911; Ph.M. (same) 1912, Lancaster, Pa.
Plant Pathology, Silviculture, Histology of Plants (Reddick, Spring, Rowlee) Ph.D.
- Kennedy, John Joseph, B.Chem. 1913, Ithaca
Organic Chemistry, Analytical Chemistry, Sanitary Chemistry (Orndorff, Lundell, Chamot) Ph.D.
- Kephart, Cornelia Ferris, B.S. in Agr. 1910; M.S. in Agr. 1913, Ithaca
Systematic Entomology, Insect Morphology, Economic Entomology (Johannsen, Riley, Herrick) Ph.D.
- Kilborn, Hazel E. O., B.A. (Smith) 1914, Union
Bacteriology, Physiology (Moore, Simpson) A.M.
- King, Robert Waldo, A.B. 1912, Ithaca
Experimental Physics, Theoretical Physics, Mathematics (Blaker, Merritt, Hurwitz) Ph.D.
- Kingery, Hugh McMillan, B.A. (Wabash) 1908; M.A. (same) 1909, Crawfordsville, Ind.
Histology and Embryology, Zoology, Entomology (Kingsbury, Reed, Riley) Ph.D.
- Kirk, William, A.B. (Tarkio) 1912; M.A. (Nebraska) 1914, Tarkio, Mo.
Inorganic Chemistry, Analytical Chemistry, Physical Chemistry (Dennis, Lundell, Bennett) Ph.D.
- Klein, John Frederick, A.B. 1912; A.M. 1913, New York City
German Literature, Germanic Philology, French Literature (Davidsen, Boesche, Guerlac) Ph.D.
- Klein, Millard Alschuler, B.Sc. (Nebraska) 1909, Ithaca
Soil Technology, Bacteriology, Physical Geography (Lyon, Stocking, von Engeln) Ph.D.
- Knight, Frank Hyneman, Ph.B. (Milligan) 1911; B.S. (Tennessee) 1913; M.A. (same) 1913, Pennington Gap, Va.
Economics, Social Science, Ethics (Johnson, Willcox, Thilly) Ph.D.
- Knight, Harry Hazleton, B.S. 1914, Ithaca
Economic Entomology, Insect Ecology, Limnology (Herrick, Johannsen, Needham) Ph.D.
- †Knight, Minerva Shelburne, B.A. (Tennessee) 1913, Ithaca
[Adviser: Creighton]
- †Knowlton, Harry E., B.S. (Mich. Agr.) 1912, Fennville, Mich.
[Adviser: Gilbert]
- †Knudson, William Warren, B.S. in Agr. (Utah Agr.) 1913, Brigham City, Utah
[Adviser: Gilbert]
- Koch, Catherine Elizabeth, B.S. (Mich. Agr.) 1909, Buffalo
Biology, Landscape Gardening (Needham, Davis) A.M.
- Koller, Joseph Peter, B.Chem. 1912, Ithaca
Physical Chemistry, Organic Chemistry, Analytical Chemistry (Bancroft, Orndorff, Lundell) Ph.D.
- ††Kuchler, Charles Albert, A.B. 1915, Ithaca
German, Spanish (Faust, Keniston) A.M.
- Kuo, Tuan Shin, B.S. 1914, Wusih, China
Plant Physiology, Plant Breeding (Knudson, Gilbert) M.S. in Agr.
- Ladd, Carl Edwin, B.S. in Agr. 1912, McLean
Farm Management, Farm Crops, Agricultural Survey (Warren, Montgomery, Livermore) Ph.D.
- Lamont, John Donald, B.S. 1914, Cortland
Forest Management, Forest Protection (Recknagel, Spring) M.F.
- Landt, James Lefferts, M.E. 1914, Valatie
Experimental Engineering, Engineering Research (Diederichs, Sawdon) M.M.E.
- †Lauritzen, John Irvin, B.S. (Utah Agr.) 1913, Moroni, Utah
[Adviser: Reddick]

- Leiby, Rowland Willis, B.S. (Muhlenberg) 1912, Allentown, Pa.
Insect Morphology, Systematic Entomology (Riley, Bradley) A.M.
- Leilich, Theodore Franz, A.B. (Washington) 1913, St. Louis, Mo.
Economics and Finance, Economics and Politics, American History (Young, Orth, Bretz) Ph.D.
- Leonard, Mortimer Demarest, B.S. 1913, Ridgewood, N. J.
Economic Entomology, Systematic Entomology, Plant Pathology (Crosby, Bradley, Reddick) Ph.D.
- Leung, Chiu Yuk, C.E. 1914, Canton, China
Railroad Engineering, Bridge Engineering (Crandall, Jacoby) M.C.E.
- Lindstrom, Ernest Walter, A.B. (Wisconsin) 1914, Chicago, Ill.
Plant Breeding, Plant Physiology, Pomology (Emerson, Knudson, Chandler) Ph.D.
- Livermore, Josiah Randall, B.S. 1913, Ithaca
Biometry, Practical Plant Breeding (Love, Myers) M.S. in Agr.
- Lobdell, Richard Nugent, B.S. (Miss. A. & M.) 1910; M.S. (same) 1912, Rosedale, Miss.
†McBurney, Mary Marguerite, B.A. (Penn. Coll. for Women) 1914, Canonsburg, Pa.
[Adviser: Browne]
- McCarthy, William Joseph, B.S. 1914, New York City
Forest Management, Forest Mensuration (Recknagel, Bentley) M.F.
- McCorkle, Walker Ellsworth, Ph.B. (Ohio) 1911; M.S. (same) 1912, Dawson, O.
Anatomy, Physiology, Histology and Embryology (Kerr, Simpson, Kingsbury) Ph.D.
- MacDaniels, Laurence Howland, A.B. (Oberlin) 1912, Oberlin, O.
Pomology, Plant Pathology, Entomology (Wilson, Reddick, Herrick) Ph.D.
- Macdonald, Norman, B.A. (Queens) 1913, Invernesshire, Scotland
Modern European History, Medieval History, American History (Lunt, Burr, Hull) Ph.D.
- Mack, Edward Lawrence, B.S. (Union) 1912, Vergennes, Vt.
Inorganic Chemistry, Sanitary Chemistry, Organic Chemistry (Browne, Chamot, Orndorff) Ph.D.
- McVetty, Percy George, M.E. 1913, Buffalo
Experimental Engineering, Air Measurement (Carpenter, Sawdon) M.M.E.
- Mahood, Samuel Arthur, B.Sc. (Nebraska) 1910; M.A. (same) 1911, Columbus, Neb.
Organic Chemistry, Inorganic Chemistry, Sanitary Chemistry (Orndorff, Dennis, Chamot) Ph.D.
- †Main, Josiah, B.S. in Agr. (Illinois) 1907; A.M. (same) 1910, Pittsfield, Ill.
[Adviser: Works]
- Mallory, William Garfield, A.B. (Oberlin) 1905; A.M. (same) 1907, Bemus Point
Experimental Physics, Applied Electricity, Theoretical Physics (Nichols, Bedell, Merritt) Ph.D.
- Marshall, Lucile, B.A. (Western Reserve) 1914, Cleveland, O.
Floriculture, Vegetable Gardening (White, Wilson) A.M.
- Martin, Asa Earl, B.A. (William Jewell) 1908; M.A. (same) 1912, Kansas City, Mo.
American History, Modern European History, Political Science (Bretz, —, Orth) Ph.D.
- Massey, Louis M., A.B. (Wabash) 1912, Ithaca
Plant Pathology, Floriculture, Organic Chemistry (Reddick, Beal, Orndorff) Ph.D.
- Maynard, Leonard Amby, A.B. (Wesleyan) 1911, Hartford
Agricultural Chemistry, Physical Chemistry, Plant Physiology (Cavanaugh, Bancroft, Knudson) Ph.D.
- Meade, DeVoe, B.S. (Penn. State) 1911, Ithaca
Farm Management, Animal Husbandry (Warren, Wing) M.S. in Agr.
- Metcalf, Franklin Post, B.A. (Oberlin) 1913, Talladega, Ala.
Botany (Taxonomy), Pomology (Wiegand, Wilson) A.M.
- Minns, Lua Alice, B.S. 1914, Lodi, O.
Floriculture, Plant Breeding (Beal, Gilbert) M.S. in Agr.
- Misner, Edward Gardner, B.S. 1913, Dairyland
Farm Management, Animal Husbandry, Plant Breeding (Warren, Wing, Gilbert) Ph.D.
- Mix, Arthur Jackson, A.B. (Hamilton) 1911, Clinton
Plant Pathology, Entomology, Pomology (Reddick, Chandler, Crosby, Wilson) Ph.D.
- Mizushi, Frank Masanao, B.S. (California) 1914, Osaka, Japan
Electrical Engineering, Applied Physics (Karapetoff, Bedell) M.M.E.
- Monnett, Victor Elvert, A.B. (Oklahoma State) 1912, Norman, Okla.
Physical Geography, Economic Geology (von Engeln, Ries) A.M.
- Montillon, Eugene Davis, B.Arch. 1912, Ithaca
Landscape Design, History of Architecture (Curtis, Phelps) M.L.D.
- Moody, Warren Lafayette, B.S. (N. C. A. & M.) 1914, Charlotte, N. C.
Moon, Charles, B.S.C.E. (West Virginia) 1910, Morgantown, W. Va.
Experimental Physics, Applied Electricity, Luminescence (Merritt, Bedell, Nichols) Ph.D.
- Muldoon, William Edward, D.V.M. 1913, Waverly
Veterinary Surgery, Materia Medica (Williams, Milks) A.M.
- Munz, Philip Alexander, A.B. (Denver) 1913; A.M. (same) 1914, Denver, Colo.
Biology, Botany, Plant Breeding (Needham, Wiegand, Gilbert) Ph.D.
- Murray, Ruby Rivers, A.B. (Mt. Holyoke) 1912; A.M. (same) 1914, Guilford, Conn.
Organic Chemistry, Analytical Chemistry, Physical Chemistry (Orndorff, Lundell, Bancroft) Ph.D.
- Myers, William Irving, B.S. 1914, Ithaca
Farm Management, Animal Husbandry (Livermore, Wing) M.S. in Agr.
- Nanz, Ralph Simpson, B.S. in Agr. 1912, Ithaca
Plant Physiology, Limnology (Knudson, Needham) M.S. in Agr.
- New, Tsunyoong, B.S. (Illinois) 1914, Ningpo, China
Soil Technology, Geology (Bizzell, von Engeln) M.S. in Agr.
- Newman, George Burgess, A.B. (Maine) 1914, Fryeburg, Me.
Insect Morphology, Entomology (Riley, Johannsen) A.M.

- †Norris, Olive Katherine, A.B. (Oberlin) 1905,
[Adviser: Merritt] Spencer
- Noyes, Alice Ayr, B.A. (Mt. Holyoke) 1907; A.M. 1913, Haverhill, Mass.
Limnology, Morphology of Insects, Zoology (Needham, Riley, Reed) Ph.D.
- O'Brien, William James, B.Chem. 1911, Kingston
Physical Chemistry, Inorganic Chemistry, Analytical Chemistry (Bancroft, Bennett, Dennett, Lundell) Ph.D.
- Olsson, Axel Adolf, A.B. 1913, Gloversville
Paleontology, Mineralogy and Petrography, Economic Geology (Harris, Gill, Ries) Ph.D.
- Osner, George Adin, A.B. (Wabash) 1911, Batavia
Plant Pathology, Physical Chemistry, Economic Entomology (Reddick, Bennett, Herrick) Ph.D.
- Overholser, Earle Long, B.S. in Agr. (Missouri) 1913; M.A. (same) 1914, Harrisonville, Mo.
Pomology, Botany, Plant Physiology (Chandler, Wiegand, Knudson) Ph.D.
- Overman, Oliver Ralph, A.B. (Indiana) 1910; A.M. (same) 1911, Windfall, Ind.
Inorganic Chemistry, Physical Chemistry, Economic Geology (Browne, Bancroft, Ries) Ph.D.
- Patch, Roland Harrison, B.S. (Mass. Agr.) 1911; B.S. (Boston) 1911, Wenham, Mass.
Floriculture, Plant Breeding (Beal, Gilbert) M.S. in Agr.
- Paul, Benson Howard, B.S. 1913, Berrybrook
Silviculture, Forest Mensuration (Spring, Bentley) M.F.
- Peacock, Walter Miller, B.S. 1913, Bridgeton, N. J.
Farm Crops, Farm Management, Plant Breeding (Montgomery, Warren, Emerson) Ph.D.
- Perry, Arthur Cecil Cox, C.E. (Columbia) 1908, New Brighton
Economic Entomology, Systematic Entomology, Plant Pathology (Herrick, Bradley, Reddick) Ph.D.
- Pfeiffer, Karl Erwin, A.B. 1912, Scarsdale
Silviculture, Mensuration (Spring, Bentley) M.F.
- Phillips, Harold Deane, A.B. (Oberlin) 1910; B.S. in Agr. 1914, Brooklyn
Rural Economy, Political Science, History (Lauman, Willcox, Hull) Ph.D.
- Pickerrill, Horace Mann, B.S. in Agr. 1911, Ripley, O.
Bacteriology, Butter Making, Organic Chemistry (Stocking, Guthrie, Orndorff) Ph.D.
- Pidgeon, Howard A., B.Sc. (Ohio) 1911; M.Sc. (same) 1912, Pennsville, O.
Experimental Physics, Theoretical Physics, Hydraulics (Nichols, Merritt, Church) Ph.D.
- Ping, Chih, B.S. in Agr. 1913, Kai Feng, Ho-Nan, China
Biology, Botany (Taxonomy), Vertebrate Zoology (Needham, Wiegand, Reed) Ph.D.
- Plummer, James Kemp, B.S. (N. C. A. & M.) 1907; M.S. (same) 1909; A.M. 1911, Middleburg, N.C.
Soil Technology, Agricultural Chemistry, Analytical Chemistry (Bizzell, Cavanaugh, Lundell) Ph.D.
- Pollock, Jacob John, B.S. 1914, New York City
Plant Breeding, Floriculture (Barker, White) M.S. in Agr.
- Pollock, Lewette Beauchamp, A.B. 1914, Alliance, O.
English Literature, Greek (Cooper, Bristol) A.M.
- Potter, Alfred Latimer, A.B. 1914, Hampton, Conn.
Anatomy, Physiology (Kerr, Simpson) A.M.
- Power, Carlton Elderkin, B.S. (Rochester) 1908, Rochester
Experimental Physics, Theoretical Physics, Mathematics (Nichols, Merritt, Sharpe) Ph.D.
- ††Proper, Byron Saunders, B.Chem. 1915, Ithaca
Sanitary Chemistry, Bacteriology (Chamot, Moore) A.M.
- Raitt, John Archibald, B.S. in Agr. (Wisconsin) 1914, Andes
Dairy Industry, Animal Husbandry (Guthrie, Savage) M.S. in Agr.
- Rasmussen, Andrew Theodore, A.B. (Brigham Young) 1909, Provo, Utah
Physiology, Histology, Anatomy (Simpson, Kingsbury, Kerr) Ph.D.
- Ray, Arthur Benning, B.A. (Wake Forest) 1910; M.A. (same) 1911, Leaksville, N. C.
Inorganic Chemistry, Organic Chemistry, Sanitary Chemistry (Dennis, Orndorff, Chamot) Ph.D.
- Reidy, Margaret Mary, A.B. 1908, Ithaca
Botany, Entomology (Wiegand, Needham) A.M.
- Rein, Leopold, A.B. (Coll. City of N. Y.) 1904; M.D. 1911, Brooklyn
Experimental Therapeutics, Pathology, Chemistry (Beebe, Ewing, Benedict) Ph.D.
- †Reyna, Ysidro, M.E. 1897, Ithaca
[Adviser: Ries]
- ††Rich, Gilbert Joseph, A.B. 1915, New York City
Psychology, Educational Psychology (Weld, Fraser) A.M.
- Rich, Stephen Gottheil, B.S. (New York) 1914, New York City
Entomology, Botany (Needham, Wiegand) A.M.
- Richmond, Edward Avery, B.S. (Dartmouth) 1912, Brocton, Mass.
Limnology, Insect Morphology, Systematic Entomology (Needham, Riley, Bradley) Ph.D.
- Ritter, Frank Olin, A.B. 1914, New York City
Ethics, History of Philosophy, Physical Chemistry (Thilly, Creighton, Hammond, Bancroft) Ph.D.
- Robbins, William Jacob, A.B. (Lehigh) 1910, Lebanon, Pa.
Plant Physiology, Plant Pathology, Physical Chemistry (Knudson, Whetzel, Bennett) Ph.D.
- ††Roe, John Winans, A.B. 1915, Billings, Mont.
Spanish, German (Keniston, Faust) A.M.
- Rogers, Francis Elton, B.S. 1914, Canandaigua
Pomology, Farm Management (Wilson, Thompson) M.S. in Agr.
- Rose, Clifford Coutant, B.Chem. 1912, Kingston
Organic Chemistry, Physical Chemistry, Analytical Chemistry (Orndorff, Bennett, Lundell) Ph.D.
- Ross, Earl Dudley, Ph.B. (Syracuse) 1909; Ph.M. (same) 1910; A.M. 1912, Smithboro
American History, Modern European History, Political Science (Hull, Lunt, Johnson) Ph.D.

- Russell, Louis Hezekiah, A.B. (Howard) 1912, Baltimore, Md.
Experimental Physics, Applied Mathematics (Nichols, Sharpe) A.M.
- Saunders, Paul Albertus, B.S. (Colgate) 1913, Leonardsville
Savage, Clifford Boynton, B.S. (Missouri) 1913, Frankfort, Mich.
Plant Pathology, Entomology (Stewart, Herrick) M.S. in Agr.
- Schreuder, Peter Juriaan van der Heyde, B.A. (Cape of Good Hope) 1911, Transvaal, So. Africa
Animal Husbandry, Farm Crops and Soils, Parasitology (Harper, Montgomery, Bizzell, Riley) Ph.D.
- Scoville, Ralph Irving, B.S. 1914, Plainville, Conn.
Buttermaking, Dairy Bacteriology (Guthrie, Stocking) M.S. in Agr.
- Seulke, Karl John, B.S. (Purdue) 1913; M.S. (Penn. State) 1914, Ithaca
Animal Husbandry, Animal Nutrition, Market Poultry (Wing, Savage, Benjamin) Ph.D.
- Severy, Harold Allen, A.B. (Middlebury) 1909; A.M. (same) 1912, Brandon, Vt.
Botany, Pomology (Wiegand, Wilson) M.S. in Agr.
- Shaper, Bernard William, B.S. 1914, Herkimer
Rural Economy, Plant Breeding (Lauman, Gilbert) M.S. in Agr.
- †Shepard, John Berdan, B.S. in Agr. 1907, Buffalo
[Adviser: Warren]
- Sherwood, Francis Webber, B.S. (N. C. A. & M.) 1909; M.S. (same) 1911, Raleigh, N. C.
Organic Chemistry, Soils, Biochemistry (Orndorff, Bizzell, Sumner) Ph.D.
- †Sibert, Harold Ward, M.E. 1914, Ithaca
[Adviser: Crandall]
- Slocum, Charles Leslie, B.S. 1914, Ithaca
Plant Pathology, Entomology, Farm Crops (Reddick, Herrick, Montgomery) Ph.D.
- Smith, Arthur Lewis, D.V.M. 1914, Catskill
Smith, Charles Vivian, A.B. (Wabash) 1913, Crawfordsvile, Ind.
Inorganic Chemistry, Physical Chemistry, Organic Chemistry (Browne, Bennett, Orndorff) Ph.D.
- Smith, Ernest Rice, A.B. (Oberlin) 1912, Nashville, Tenn.
Paleontology, Mineralogy, Petrography (Harris, Gill) A.M.
- Snyder, Elmer, B.S. 1914, Ithaca
Testing Dairy Products, Dairy Bacteriology (Troy, Stocking) M.S. in Agr.
- †Snyder, Robert Miffin, B.S. (Mich. Agr.) 1914, E. Lansing, Mich.
[Adviser: Bizzell]
- Stapley, Edward Ray, C.E. 1914, Geneseo
Municipal Water Works, Municipal Government (Ogden, Saby) M.C.E.
- Stecker, Margaret Loomis, A.B. 1906, Mt. Vernon
Social Science, Economics, Political Science (Willcox, Johnson, Orth) Ph.D.
- †Steele, Clara Mathilde, B.S. (Mich. Agr.) 1898, Schenectady
[Adviser: Van Rensselaer]
- Steer, Henry Bake, B.S. 1914, Albany
Silviculture, Mensuration (Spring, Bentley) M.F.
- Steve, Norman Doman, B.S. 1913, Pittsford
Rural Engineering, Vegetable Gardening (Riley, Wilson) M.S. in Agr.
- Strauss, Carl Waldemar, B.S. 1914, St. Louis, Mo.
Silviculture, Utilization (Spring, Recknagel) M.F.
- Strong, Helen Shaurman, A.B. (Vassar) 1914, Germania, Pa.
Latin, Greek (Bennett, Bristol) A.M.
- †Stuntz, Hugh Clark, A.B. (Wesleyan) 1914, New York City
[Adviser: Wilson]
- †Sutphen, Minnie Calista, A.B. (Mt. Holyoke) 1896, Newark
[Adviser: Bennett]
- Sweet, Alfred Henry, A.B. (Bowdoin) 1913; A.M. (Harvard) 1914, Portland, Me.
English History, Medieval History, English (Lunt, Burr, Strunk) Ph.D.
- Swisher, Charles Lee, A.B. (Illinois) 1909; A.M. (Michigan) 1913, Wellington, Ill.
Experimental Physics, Theoretical Physics, Applied Electricity (Nichols, Merritt, Bedell) Ph.D.
- Tappan, Frank Girard, A.B. (Wash. & Jeff.) 1904; M.E. 1907; A.M. (Wash. & Jeff.) 1909, Ithaca
Experimental Physics, Theoretical Physics, Psychology (Nichols, Merritt, Weld) Ph.D.
- Thayer, Clark Leonard, B.Sc. (Mass. Agr.) 1913, Enfield, Mass.
Floriculture, Plant Breeding (Beal, Gilbert) M.S. in Agr.
- Thomas, Allen Job, LL.B. 1907; A.B. 1909, Ithaca
Ethics, Logic and Metaphysics, Education (Thilly, Creighton, Albee, ———) Ph.D.
- Thomas, Cecil Calvert, A.B. (Wabash) 1912; M.A. (same) 1913, Ithaca
Botany (Histology), Plant Pathology, Plant Breeding (Wiegand, Reddick, Gilbert) Ph.D.
- Thomas, Charles Edwin, M.E. 1913, Brooklyn
Mechanical Engineering Research, Physics (Carpenter, Blaker) M.M.E.
- Thompson, James Dille, jr., B.Sc. (Denison) 1914, Granville, O.
Economic Geology, Physical Chemistry (Ries, Bennett) A.M.
- Torrey, Ella Murilia, A.B. 1910, Gainesville
Limnology, Insect Ecology (Needham, Johannsen) A.M.
- Tothill, John Douglas, B.S.A. (Ontario Agr.) 1910, St. Andrews, Suffolk, England
Economic Entomology, Insect Morphology, Philosophy (Herrick, Riley, Creighton) Ph.D.
- Townley, John Hurlburt, A.B. (Michigan) 1913, Jackson, Mich.
English Literature, French Literature (Prescott, Mason) A.M.
- Tressler, Donald Kiteley, A.B. (Michigan) 1913, Montpelier, O.
Agricultural Chemistry, Organic Chemistry, Bacteriology (Cavanaugh, Orndorff, Moore) Ph.D.
- Urband, Edward Milton, B.Arch. 1913, Ithaca
Design, History (Kahn, Phelps) M. Arch.

- vander Meulen, Peter Andrew, B.Chem. 1913, Dunkirk
Inorganic Chemistry, Organic Chemistry, Mineralogy (Dennis, Orndorff, Gill) Ph.D.
- Vick, Harry Elias, B.S. (Bethel) 1905; M.S. (same) 1906, Louisville, Ky.
Limnology, Insect Morphology, Botany (Needham, Riley, Wiegand) Ph.D.
- †Wardle, Francis West, B.S. 1914, Catskill
[Adviser: Wilson]
- Weber, Charles Maria, B.S. in C.E. (St. Mary's) 1913; C.E. 1914, Stockton, Cal.
Experimental Hydraulics, Higher Structures (Schoder, Jacoby) M.C.E.
- Weeks, Paul Thorne, B.A. (Oberlin) 1913, Kipton, O.
Experimental Physics, Theoretical Physics, Applied Electricity (Nichols, Merritt, Bedell) Ph.D.
- Weimer, James LeRoy, A.B. (Wabash) 1912, Ithaca
Plant Pathology, Entomology, Plant Physiology (Reddick, Herrick, Knudson) Ph.D.
- Wendelken, Gerd Miller, B.A. (Marietta) 1911, Marietta, O.
Systematic Entomology, Economic Entomology, Insect Morphology (Bradley, Herrick, Riley) Ph.D.
- West, Carl Joseph, B.A. (Ohio State) 1908; M.A. (same) 1909, Columbus, O.
Mathematical Analysis, Statistics, Geometry (McMahon, Willcox, Snyder) Ph.D.
- White, Earl Archibald, B.S. (Illinois) 1908; M.S. (Wisconsin) 1913, Antioch, Ill.
Rural Engineering, Mechanical Engineering, Mathematics (Riley, Ellenwood, Sharpe) Ph.D.
- †White, Ernest Charles, B.S. in C.E. (Norwich) 1908, Ithaca
[Adviser: Crandall]
- White, Ward Benjamin, A.B. 1908, Ithaca
Agricultural Chemistry, Sanitary Chemistry, Agricultural Bacteriology (Cavanaugh, Chamot, Stocking) Ph.D.
- Whitney, Cass Ward, B.S. 1913, Ithaca
Pomology, Plant Breeding (Wilson, Gilbert) M.S. in Agr.
- Whitney, Charles Smith, C.E. 1914, Bradford, Pa.
Building Design and Construction, Contracts and Specifications (Jacoby, Crandall) M.C.E.
- Wiggans, Roy Glen, B.S. in Agr. (Missouri) 1914, Columbia, Mo.
Farm Crops, Plant Breeding (Montgomery, Love) M.S. in Agr.
- Wilkins, Raymond Harvey, B.S. (Illinois) 1914, Champaign, Ill.
Poultry Husbandry, Pomology (Rice, Wilson) M.S. in Agr.
- †Willcox, Harry J., A.B. 1915, Ithaca
English Literature, French (Prescott, Mason) A.M.
- Willis, Elias Root Beadle, A.B. (Pennsylvania) 1901; A.M. 1914, Washington, D. C.
Latin, Greek, Greek Archaeology (Bennett, Bristol, Andrews) Ph.D.
- Wilson, Benjamin Dunbar, B.S. (Kentucky) 1909; M.S. (same) 1914, Lexington, Ky.
Soil Technology, Physical Chemistry, Bacteriology (Bizzell, Bennett, Stocking) Ph.D.
- †Wilson, Marjorie, A.B. 1913, Ithaca
[Adviser: Sampson]
- †Wolcott, Henry Newton, B.S. (Pomona) 1914, Tombstone, Ariz.
[Adviser: Ries]
- Wold, Peter Irving, B.S. (Oregon) 1901; E.E. (same) 1903, Ithaca
Experimental Physics, Theoretical Physics, Applied Mathematics (Nichols, Merritt, Sharpe) Ph.D.
- Woodbury, Robert Morse, A.B. (Clark) 1910; A.M. (same) 1912, Worcester, Mass.
Economic Theory, Statistics, American History (Johnson, Willcox, Hull) Ph.D.
- Woods, William Colcord, B.A. (Wesleyan) 1913, Orono, Me.
Morphological Entomology, Economic Morphology, Pathology and Bacteriology (Riley, Herrick, Moore) Ph.D.
- †Worthen, Louise Wilcox, B.S. (Smith) 1901, Hanover, N. H.
[Adviser: Rose]
- †Wright, Mary Evalina, B.S. 1914, Ithaca
[Adviser: Van Rensselaer]
- Zeydel, Edwin Hermann, A.B. (Columbia) 1914, Brooklyn
German Literature, Germanic Philology (Faust, Pope) A.M.
- Zinnmeister, Carl Luther, B.S. 1914, Brooklyn
Botany, Plant Pathology, Organic Chemistry (Rowlee, Whetzel, Orndorff) Ph.D.
- Zundel, George Lorenzo, B.S. (Utah Agr.) 1911, Logan, Utah
Plant Pathology, Plant Breeding (Reddick, Gilbert) M.S. in Agr.

STUDENTS REGISTERED FOR GRADUATE WORK DURING THE SUMMER OF 1914

Adamson, William Augustus, A.B. (Mercer) 1907, Organic Chemistry, Analytical Chemistry, Agricultural Chemistry, (Orndorff)	Lundell, Cavanaugh
Agard, Bertha, A.B. 1910, Elizabethan Drama, American Literature (Sampson, Prescott)	Trumansburg A.M.
Allen, Mary, A.B. 1903, German Literature, German Philology (Boesche, Pope)	Elmira A.M.
Appar, Clara Selkreg, A.B. 1905, Latin, Ancient History (Durham, Sill)	Ithaca A.M.
Bailey, Eleanor Hathorne, A.B. (Wellesley) 1911, German, English (Boesche, Sampson)	Mechanicville A.M.
Beaumont, Arthur Bishop, B.S. (Kentucky) 1908, Soil Technology, Physical Chemistry, Plant Physiology (Bizzell, Bennett, Knudson)	Monmouth, Oregon Ph.D.
Behnken, Henry Emile, A.B. 1904; A.M. 1912, Physics, Analytical Chemistry, Physical Chemistry (Richtmyer, Lundell, Bancroft)	Brooklyn Ph.D.
Birch, Raymond Russell, B.S. (Kansas State Agr.) 1906; D.V.M. 1912, Hog Cholera, Clinical Diagnosis, Urine Analysis (Moore, Udall, Fish)	Ithaca Ph.D.
Bowen, Ray Preston, A.B. (Harvard) 1905, French, Spanish (Mason, Keniston)	Wellsboro, Pa. A.M.
Brown, Earl Ayers, B.S. 1913, Farm Management, Pomology (Warren, Wilson)	Elmira M.S. in Agr.
Brundage, Milton Bracken, B.S. (Syracuse) 1900, Chemistry, Physics (Browne, Blaker)	E. Orange, N. J. A.M.
†Burgdorff, Ferd John, B.S. 1914, [Adviser: Wilson]	E. Orange, N. J.
Clemens, Wilbert Amie, B.A. (Toronto) 1912; M.A. (same) 1913, Limnology, Economic Entomology, Systematic Entomology (Needham, Herrick, Bradley)	Edmonds, B. C. Ph.D.
Clothier, Robert Waitman, B.S. (Kansas State Agr.) 1897; M.S. (same) 1899, Farm Management, Soils, Agricultural Bacteriology (Warren, Bizzell, Stocking)	Tucson, Ariz. Ph.D.
Conlin, Henry Joseph, A.B. 1913; B.Chem. 1914, Agricultural Chemistry, Sanitary Chemistry, Bacteriology (Cavanaugh, Chamot, Stocking)	Glens Falls Ph.D.
†Constable, Mary Luise, B.S. (Pennsylvania) 1906, [Adviser: Snyder]	Philadelphia, Pa.
Corrington, Julian Dana, A.B. 1913, Zoology, Entomology, Histology and Embryology (Reed, Riley, Kingsbury)	Hot Springs, Ark. Ph.D.
Coutant, Albert Francis, B.S. 1913, Parasitology, Anatomy (Riley, Kerr)	Ithaca A.M.
Cromwell, Oliver Frank Wooley, B.S. 1914, Pomology, Vegetable Gardening (Chandler, White)	Newburgh M.S. in Agr.
Cunningham, Samuel Kirkwood, B.A. (Westminster) 1907, Physics, Organic Chemistry (Blaker, Orndorff)	Pittsburgh, Pa. A.M.
Dadisman, Samuel Houston, B.S. in Agr. (West Va.) 1912, Agricultural Education, Pomology (Herrick, Works)	Grafton, W. Va. M.S. in Agr.
Davis, Merritt James, B. Chem. 1914, Inorganic Chemistry, Physical Chemistry, Physics (Dennis, Bennett, Merritt)	Dunkirk Ph.D.
Dean, Elizabeth, B.A. (Wellesley) 1913, Botany, Landscape Art (Wiegand, Curtis)	Falmouth, Mass. A.M.
Deatrick, Eugene Peyton, A.B. (Franklin & Marshall) 1911, Soil Technology, Plant Physiology, Organic Chemistry (Bizzell, Knudson, Orndorff)	Kutztown, Pa. Ph.D.
Deevers, Roland Gilford, A.B. (Westminster) 1902; A.M. (same) 1906, Ancient History, American History (Sill, Bretz)	Pittsburgh, Pa. A.M.
Dougall, Robert, B.S.A. (McGill) 1914, Inorganic Chemistry, Physics, Sanitary Chemistry (Dennis, Blaker, Chamot)	Pretoria, S. Africa Albion, Mich. Ph.D.
Douglas, Frank William, A.B. (Albion) 1905; A.M. (Michigan) 1908, Inorganic Chemistry, Physics, Sanitary Chemistry (Dennis, Blaker, Chamot)	Gardner, Mass. Ph.D.
Douglas, Gertrude Elizabeth, A.B. (Smith) 1904; A.M. 1907, Mycology, Plant Histology, Plant Physiology (Atkinson, Wiegand, Knudson)	Titusville, Pa. A.M.
Dubar, Agnes Violet, B.A. 1906, Latin, Roman History (Durham, Sill)	Ithaca Ph.D.
Ellenberger, Howard Bowman, B.S.A. (Iowa State) 1905, Dairy Industry (Ice Cream and Cheese), Dairy Industry (Butter), Agricultural Chemistry (Fisk, Guthrie, Cross)	Ithaca Ph.D.
Engelder, Carl John, A.B. 1913; B.Chem. 1914, Physical Chemistry, Inorganic Chemistry, Economic Geology (Bancroft, Browne, Ries)	Ithaca Ph.D.
†Ensign, Martin Russell, B.S. (Utah Agr.) 1912, Etheridge, William Carlyle, B.S. (N. C. A. & M.) 1906; M.S. (same) 1908; M.S. in Agr. 1912,	Brigham City, Utah Raleigh, N. C.
Farm Crops, Plant Physiology, Soil Technology (Montgomery, Knudson, Bizzell)	Ph.D.
Fattig, Percy Wilbur, B.S. (Ohio) 1912; M.S. (same) 1913, Insect Morphology, Economic Entomology, Plant Pathology (Riley, Herrick, Reddick)	Pickerington, O. Ph.D.
Ferry, Lily Martin, S.B. (Chicago) 1910, Botany, Plant Breeding (Wiegand, Gilbert)	Louisville, Ky. A.M.

- Flowers, Alan Estis, M.E. 1902; M.M.E. 1914, Columbia, Mo.
Experimental Engineering, Electricity and Magnetism, Experimental Physics (Carpenter, Karapetoff, Merritt) Ph.D.
- Fox, Daniel Scott, B.S. 1913, Prattsburg
Farm Management, Soils, Cost Accounting (Warren, Bizzell, Livermore) Ph.D.
- Friedman, William Frederick, B.S. 1914, Pittsburgh, Pa.
Plant Breeding, Plant Physiology (Gilbert, Knudson) M.S. in Agr.
- Funkhouser, William Delbert, A.B. (Wabash) 1905; A.M. 1913, Ithaca
Insect Ecology, Insect Morphology, Systematic Entomology (Johannsen, Riley, Bradley) Ph.D.
- Genung, Elizabeth Faith, B.S. in Agr. 1911, Ithaca
Bacteriology, Pomology (Stocking, Wilson) M.S. in Agr.
- †Gibson, Heber Howard, A.B. (Denison) 1909; M.A. (Columbia) 1912, Covert
[Adviser: Lauman]
- Gilmore, Ralph John, A.B. (Lehigh) 1907; M.A. (same) 1910, Williamsport, Pa.
Zoology (Ecology), Zoology (Comp. Anatomy), Limnology (Reed, Wright, Needham) Ph.D.
- Goldberg, Samuel Alexander, D.V.M. 1914, Ithaca
Goodsell, Marguerite, B.A. (Smith) 1908, E. Orange, N. J.
German, French (Boesche, Olmsted) A.M.
- †Grave, Benjamin H., B.S. (Earlham) 1903; Ph.D. (Johns Hopkins) 1912, Monrovia, Ind.
[Adviser: Riley]
- Griscom, Ludlow, B.A. (Columbia) 1912, New York City
Zoology, Entomology (Reed, Riley) A.M.
- Harned, Robey Wentworth, B.S. Agr. (Ohio State) 1906, Agricultural College, Miss.
Economic Entomology, Parasitology (Herrick, Riley) M.S. in Agr.
- Harris, Rebecca Stoneman, A.B. 1913, Ithaca
French, Spanish (Mason, Keniston) A.M.
- Harvey, Lew Ellsworth, B.S. 1914, Marathon
Farm Management, Poultry Husbandry (Livermore, Rice) M.S. in Agr.
- Haskell, Royal Joyslin, B.S. (Dartmouth) 1912, Rochester, Mass.
Plant Pathology, Plant Physiology, Entomology (Barrus, Knudson, Herrick) Ph.D.
- Hawley, Ira Myron, B.A. (Michigan) 1901, Canandaigua
Economic Entomology, Systematic Entomology, Plant Pathology (Herrick, Bradley, Whetzel) Ph.D.
- †Hayden, Claude Jacques, B.S. (Idaho) 1913, Cape, S. C.
Hebel, John William, A.B. (Indiana) 1912; A.M. 1913, Auburn, Ind.
Elizabethan Drama, English Poetry, Philosophy (Adams, Sampson, Creighton) Ph.D.
- Heinicke, Arthur John, B.S. in Agr. (Missouri) 1913; M.A. (same) 1914, Ithaca
Pomology, Plant Physiology, Botany (Chandler, Knudson, Wiegand) Ph.D.
- Henkel, Mary Isabel, B.S. (Purdue) 1895, Milwaukee, Wisc.
Sanitary Chemistry, Physical Geography (Redfield, von Engeln) A.M.
- †Henry, Mary Francis, A.B. (Colorado Coll.) 1905, Denver, Colo.
[Adviser: Van Rensselaer]
- Hensel, Frederick William, jr., B.S. in Agr. (Texas A. & M.) 1907, San Antonio, Texas
Pomology, Landscape Art (Chandler, Davis) M.S. in Agr.
- Hill, Reuben Lorenzo, B.S. (Utah Agr.) 1912, Springville, Utah
Experimental Physiology, Biochemistry, Animal Husbandry (Simpson, Hunter, Wing) Ph.D.
- Hottes, Alfred Carl, B.S. 1913; M.S. in Agr. 1914, Ithaca
Floriculture, Plant Breeding, Botany (Beal, Gilbert, Rowlee) Ph.D.
- Hyde, Caroline Howard, A.B. (Mt. Holyoke) 1904, Westville, Conn.
German Literature, German Philology (Davidson, Boesche) A.M.
- Jack, William Johnson, A.B. (Yale) 1905; A.M. (same) 1909, Indiana, Pa.
English History, Medieval European History, Modern European History (Lunt, Burr) Ph.D.
- Jennings, David Stout, B.S. (Utah Agr.) 1912, Hinckley, Utah
Soils, Physiography, Physical Chemistry (Bizzell, von Engeln, Bennett) Ph.D.
- Jennings, Harold Manson, A.B. 1913, Cincinnati
Education, Educational Psychology (DeGarmo, Boring) A.M.
- Kennedy, John Joseph, B.Chem. 1913, Ithaca
Organic Chemistry, Analytical Chemistry, Sanitary Chemistry (Orndorff, Lundell, Chamot) Ph.D.
- Kephart, Cornelia Ferris, B.S. in Agr. 1910; M.S. in Agr. 1913, Ithaca
Systematic Entomology, Insect Morphology, Economic Entomology (Johannsen, Riley, Herrick) Ph.D.
- Kincaid, Abigail Margaret, A.B. (Bates) 1912, So. Portland, Me.
Physiology, Biochemistry, Anatomy (Simpson, Hunter, Kerr) A.M.
- King, Anna Williams, A.B. 1901, Williamsport, Pa.
German, English (Davidson, Sampson) A.M.
- King, Pan Cheng, B.S. 1914, Shanghai, China
Forest Administration, Forest Mensuration (Recknagel, Bentley) M.F.
- King, Robert Waldo, A.B. 1912, Ithaca
Experimental Physics, Theoretical Physics, Mathematics (Blaker, Merritt, Hurwitz) Ph.D.
- Knight Harry Hazelton, B.S. 1914, Ithaca
Economic Entomology, Insect Ecology, Limnology (Herrick, Johannsen, Needham) Ph.D.
- (Knudson, William Warren, B.S. in Agr. (Utah Agr.) 1913, Brigham City, Utah
[Adviser: Gilbert]
- Kuo, Tan Shin, B.S. 1914, Wusih, China
Plant Physiology, Plant Breeding (Knudson, Gilbert) M.S. in Agr.
- Ladd, Carl Edwin, B.S. in Agr. 1912, McLean
Farm Management, Farm Crops, Agricultural Survey (Warren, Montgomery, Livermore) Ph.D.

- Layton, Ora Dennis, Ph.B. (Alfred) 1901,
English Language and Literature, English History (Jensen, Lunt) Canisteo
A.M.
- Lee, Ira Elver, A.B. (Indiana) 1911; A.M. (same) 1912, Ithaca
Inorganic Chemistry, Sanitary Chemistry, Physical Chemistry (Browne, Chamot, Bennett)
Ph.D.
- Leiby, Rowland Willis, B.S. (Muhlenberg) 1912, Allentown, Pa.
Insect Morphology, Systematic Entomology (Riley, Bradley) A.M.
- †Lusk, William Foster, Ph.B. (Wisconsin) 1903, St. Paul, Minn.
[Adviser: Works]
- McCorkle, Walker Ellsworth, Ph.B. (Ohio) 1911; M.S. (same) 1912, Dawson, O.
Anatomy, Physiology, Histology and Embryology (Kerr, Simpson, Kingsbury) Ph.D.
- McGraw, Hiram Ward, B.A. (Colgate) 1912, Hamilton
American History, Political Science (Bretz, —) Ph.D.
- McMillan, Samuel Augustus, B.S. (Texas A. & M.) 1909, Anchor, Texas
Farm Management, Soils (Livermore, Bizzell) M.S. in Agr.
- Mahood, Samuel Arthur, B.Sc. (Nebraska) 1910; M.A. (same) 1911, Columbus, Neb.
Organic Chemistry, Inorganic Chemistry, Sanitary Chemistry (Orndorff, Dennis, Chamot) Ph.D.
- Marcovitch, Simon, B.S. 1914, Syracuse
Entomology, Morphology (Johannsen, Riley) M.S. in Agr.
- Maynard, Leonard Amby, A.B. (Wesleyan) 1911, Hartford
Agricultural Chemistry, Physical Chemistry, Plant Physiology (Cavanaugh, Bancroft, Knud-
son) Ph.D.
- Merrill, Bertha Alice, B.L. (Smith) 1899, Lawrence, Mass.
French Literature, Spanish Literature (Olmsted, Comfort) A.M.
- Merrill, Grace Evelyn, B.L. (Smith) 1902, Lawrence, Mass.
Spanish, French (—, Mason) A.M.
- Minns, Lua Alice, B.S. 1914, Lodi, O.
Floriculture, Plant Breeding (Beal, Gilbert) M.S. in Agr.
- Monnett, Victor Elvert, A.B. (Oklahoma) 1912, Norman, Okla.
Physical Geography, Economic Geology (von Engeln, Ries) A.M.
- Montillon, Eugene Davis, B.Arch. 1912, Ithaca
Landscape Design, History of Architecture (Curtis, Phelps) M.L.D.
- †Moyer, Blanche Wheeler, A.B. 1913, Philadelphia, Pa.
[Adviser: Van Rensselaer]
- †Moyer, John Wesley, B.S. (Temple) 1914, Philadelphia, Pa.
[Adviser: Spring]
- Myers, William Irving, B.S. 1914, Ithaca
Farm Management, Animal Husbandry (Livermore, Wing) M.S. in Agr.
- New, Tsunyong, B.S. (Illinois) 1914, Ningpo, China
Soil Technology, Geology (Bizzell, von Engeln) M.S. in Agr.
- †Norris, Olive Katherine, A.B. (Oberlin) 1905, Spencer
Noyes, Alice Ayr, B.A. (Mt. Holyoke) 1907; A.M. 1913, Haverhill, Mass.
Limnology, Morphology of Insects, Zoology (Needham, Riley, Reed) Ph.D.
- O'Brien, William James, B.Chem. 1911, Kingston
Physical Chemistry, Inorganic Chemistry, Agricultural Chemistry (Bancroft, Bennett, Den-
nis, Cavanaugh) Ph.D.
- Olsson, Axel Adolf, A.B. 1913, Gloversville
Paleontology, Mineralogy and Petrography, Economic Geology (Harris, Gill, Ries) Ph.D.
- Otten, Henry Luder, A.B. 1910, Jamaica
German Literature, German Philology (Faust, Pope) A.M.
- Paul, Benson Howard, B.S. 1913, Berrybrook
Silviculture, Forest Mensuration (Spring, Bentley) M.F.
- Perkins, Granville Akers, A.B. 1913, Westboro, Mass.
Organic Chemistry, Inorganic Chemistry, Physical Chemistry (Orndorff, Browne, Ban-
croft) Ph.D.
- Perry, Arthur Cecil Fox, C.E. (Columbia) 1908, New Brighton
Plant Pathology, Plant Physiology, Entomology (Reddick, Knudson, Herrick) Ph.D.
- Perry, Orlo Hibbard, S.B. (Alfred) 1914, Alfred
Botany, Entomology (Wiegand, Riley) A.M.
- Ping, Chih, B.S. in Agr. 1913, Kai Feng, China
Biology, Botany (Taxonomy), Vertebrate Zoology (Needham, Wiegand, Reed) Ph.D.
- Plummer, James Kemp, B.S. (N. C. A. & M.) 1907; M.S. (same) 1909; A.M. 1911, Middleburg, N. C.
Soil Technology, Agricultural Chemistry, Analytical Chemistry (Bizzell, Cavanaugh, Lun-
dell) Ph.D.
- Potts, Jean Findlay, A.B. 1912, Troy
French, English (Mason, Sampson) A.M.
- Quimby, Mary Agnes, A.B. (Bryn Mawr) 1906, Berwyn, Pa.
German Literature, German Philology (Davidsen, Boesche) A.M.
- Rasmussen, Andrew Theodore, A.B. (Brigham Young) 1909, Provo, Utah
Physiology, Histology, Anatomy (Simpson, Kingsbury, Kerr) Ph.D.
- Ray, Arthur Benning, B.A. (Wake Forest) 1910; M.A. (same) 1911, Leaksville, N. C.
Inorganic Chemistry, Organic Chemistry, Sanitary Chemistry (Dennis, Orndorff, Chamot) Ph.D.
- Reidy, Margaret Mary, A.B. 1908, Ithaca
Botany, Entomology (Wiegand, Needham) A.M.
- Reisner, John Henry, B.A. (Yale) 1911, McConnellsburg, Pa.
Farm Crops, Plant Breeding (Montgomery, Gilbert) M.S. in Agr.

- Richmond, Edward Avery, B.S. (Dartmouth) 1912, Brocton, Mass.
Limnology, Insect Morphology, Systematic Entomology (Needham, Riley, Bradley) Ph.D.
- Robbins, William Jacob, A.B. (Lehigh) 1910, Lebanon, Pa.
Plant Physiology, Plant Pathology, Physical Chemistry (Knudson, Whetzel, Bennett) Ph.D.
- Rogers, Francis Elton, B.S. 1914, Canandaigua
Pomology, Farm Management (Wilson, Thompson) M.S. in Agr.
- Rose, Clifford Coutant, B.Chem. 1912, Kingston
Organic Chemistry, Physical Chemistry, Analytical Chemistry (Orndorff, Bennett, Lundell) Ph.D.
- Schneck, Henry William, B.S. in Agr. (Wisconsin) 1913, Milwaukee, Wis.
Plant Pathology, Vegetable Gardening (Reddick, White) M.S. in Agr.
- Shaper, Bernard William, B.S. 1914, Herkimer
Rural Economy, Plant Breeding (Lauman, Gilbert) M.S. in Agr.
- Smith, Beatrice Mary, B.A. (Mt. Holyoke) 1909, Holyoke, Mass.
Latin, English (Durham, Sampson) A.M.
- Smith, Ernest Rice, A.B. (Oberlin) 1912, Nashville, Tenn.
Paleontology, Mineralogy and Petrography (Harris, Gill) A.M.
- Spencer, Mary Cass, A.B. (Tulane) 1892; M.S. 1895, New Orleans, La.
Mathematics, Physical Mathematics, Experimental Physics (Carver, McMahon, Nichols) Ph.D.
- Stephens, Nelson Timothy, A.B. (Kansas) 1912, Hoboken, N. J.
Psychology, French (Foster, Mason) A.M.
- Taylor, George Herrick, A.B. 1908, Ithaca
English Drama, American Literature (Adams, Prescott) A.M.
- van der Meulen, Peter Andrew, B.Chem. 1913, Dunkirk
Inorganic Chemistry, Organic Chemistry, Mineralogy (Dennis, Orndorff, Gill) Ph.D.
- Vick, Harry Elias, B.S. (Bethel) 1905; M.S. (same) 1906, Louisville, Ky.
Limnology, Insect Morphology, Botany (Needham, Riley, Wiegand) Ph.D.
- Vosbury, Edward David, B.S. 1914, Binghamton
Pomology, Vegetable Gardening (Chandler, White) M.S. in Agr.
- Warner, Selden R., B.S. (William & Mary) 1911, Dunnsville, Va.
Systematic Botany, Plant Ecology (Wiegand, Rowlee) M.S. in Agr.
- Whitney, Francis Luther, A.B. 1906; A.M. 1911, Elmira
Paleontology, Zoology, Systematic Vertebrate Zoology (Harris, Reed, Wright) Ph.D.
- Whittaker, Elizabeth Leigh, A.B. 1905, Brookton
Comparative Anatomy, Botany, Bacteriology (Reed, Atkinson, Moore) Ph.D.
- Wilkins, Raymond Harvey, B.S. (Illinois) 1914, Champaign, Ill.
Poultry Husbandry, Pomology (Rice, Wilson) M.S. in Agr.
- Willis, Kathleen Marie, A.B. 1912, Mansfield, O.
English Prose, German (Sampson, Faust) A.M.
- Wong, Parkin, A.B. 1913, Canton, China
- Wright, Charles Arthur, B.S. 1914, Perth Amboy, N. J.
Pomology, Plant Physiology (Chandler, Knudson) M.S. in Agr.
- Yount, Andrew Sherman, A.B. (Wabash) 1911, Crawfordsville, Ind.
Inorganic Chemistry, Physical Chemistry, Organic Chemistry (Browne, Bancroft, Orndorff) Ph.D.
- Zundel, George Lorenzo, B.S. (Utah Agr.) 1911, Logan, Utah
Plant Pathology, Plant Breeding (Reddick, Gilbert) M.S. in Agr.

COLLEGE OF ARTS AND SCIENCES

FACULTY

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CHARLES DEGARMO, Ph.D., Professor of the Science and Art of Education, Emeritus.
LOUIS MONROE DENNIS, Ph.B., B.S., Professor of Inorganic Chemistry and Head of the Department of Chemistry. (Sabbatic leave, second term.)
JOSEPH ELLIS TREVOR, Ph.D., Professor of Thermodynamics.
CHARLES HENRY HULL, Ph.B., Ph.D., Goldwin Smith Professor of American History.
WILLIAM RIDGELEY ORNDORFF, A.B., Ph.D., Professor of Organic and Physiological Chemistry.
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JOHN HENRY TANNER, B.S., Ph.D., Professor of Mathematics.
FREDERIC BEDELL, A.B., Ph.D., Professor of Applied Electricity.

- WILLARD WINFIELD ROWLEE, B.L., D.Sc., Professor of Botany.
FRANK THILLY, A.B., Ph.D., LL.D., Professor of Philosophy.
HEINRICH RIES, Ph.B., A.M., Ph.D., Professor of Economic Geology and Head of the Department of Geology.
WILLIAM ALEXANDER HAMMOND, B.A., A.M., Ph.D., Sage Professor of Ancient Philosophy and of Aesthetics.
ERNEST ALBEE, A.B., Ph.D., Professor of Philosophy.
HOLLIS ELLSWORTH DANN, Mus.D., Professor of Music.
MARTIN WRIGHT SAMPSON, B.A., M.A., Goldwin Smith Professor of English Literature and Head of the Department of English.
BENJAMIN FREEMAN KINGSBURY, A.B., M.S., Ph.D., M.D., Professor of Histology and Embryology.
SUTHERLAND SIMPSON, D.Sc., M.D., F.R.S.E., Professor of Physiology.
WILLIAM WISTAR COMFORT, A.B., A.M., Ph.D., Professor of the Romance Languages and Literatures and Head of the Department. (Sabbatic leave.)
WILLIAM STRUNK, JR., A.B., Ph.D., Professor of English.
HENRY AUGUSTUS SILL, A.B., A.M., Ph.D., Professor of Ancient History.
GEORGE WALTER CAVANAUGH, B.S., Professor of Chemistry in its Relations to Agriculture.
GILBERT DENNISON HARRIS, Ph.B., Professor of Paleontology and Stratigraphic Geology.
HERBERT CHARLES ELMER, A.B., Ph.D., Professor of Latin.
CHARLES LOVE DURHAM, M.A., Ph.D., Professor of Latin.
JOHN IRWIN HUTCHINSON, A.B., Ph.D., Professor of Mathematics.
VIRGIL SNYDER, B.S., A.M., Ph.D., Professor of Mathematics.
ALBERT BERNHARDT FAUST, A.B., Ph.D., Professor of German and Head of the Department.
EMILE MONNIN CHAMOT, B.S., Ph.D., Professor of Sanitary Chemistry and Toxicology.
ARTHUR WESLEY BROWNE, B.S., M.S., Ph.D., Professor of Inorganic and Analytical Chemistry.
ADAM CAPEN GILL, A.B., Ph.D., Professor of Mineralogy and Petrography.
JULIAN PLEASANT BRETZ, A.B., Ph.D., Professor of American History.
GEORGE SYLVANUS MOLER, A.B., B.M.E., Professor of Physics.
JAMES GEORGE NEEDHAM, B.S., M.S., Ph.D., Professor of General Biology, Limnology, and Nature Study, and Head of the Department of Entomology.
ALVIN SAUNDERS JOHNSON, A.B., A.M., Ph.D., Professor of Economics.
WILLIAM ALBERT RILEY, B.S., Ph.D., Professor of Insect Morphology and Parasitology.
WILLIAM EDWARD LUNT, Ph.D., Professor of Modern European History.
SAMUEL PETER ORTH, B.S., Ph.D., Professor of Political Science.
GEORGE NIEMAN LAUMAN, B.S.A., Professor of Rural Economy.
HENRY TILGHMAN BULL, C.E., Lieut. 13th Cavalry, U.S.A., Professor of Military Science and Tactics.
ALLYN ABBOTT YOUNG, Ph.B., Ph.D., Professor of Economics and Finance.
JAMES ALBERT WINANS, A.B., A.M., LL.B., Professor of Public Speaking.
ABRAM TUCKER KERR, B.S., M.D., Professor of Anatomy.
GLENN WASHINGTON HERRICK, B.S. in Agr., Professor of Economic Entomology.
JAMES FREDERICK MASON, A.B., Ph.D., Professor of the Romance Languages.
FREDERICK CLARKE PRESCOTT, A.B., Assistant Professor of English.
CLARK SUTHERLAND NORTHUP, A.B., Ph.D., Assistant Professor of English.

- ERNEST BLAKER, B.S., Ph.D., Assistant Professor of Physics.
- OTHON GOEPP GUERLAC, Licencié ès Lettres, M.A., LL.B., Assistant Professor of the Romance Languages and Literatures.
- PAUL RUSSEL POPE, A.B., Ph.D., Assistant Professor of German.
- HUGH DANIEL REED, B.S., Ph.D., Assistant Professor of Neurology and Vertebrate Zoology.
- LANE COOPER, A.B., A.M., Ph.D., Assistant Professor of English.
- ORA MINER LELAND, B.S. (C.E.), Assistant Professor of Astronomy and Geodesy.
- ANDREW HUNTER, M.A., B.Sc., M.B., Ch.B., Assistant Professor of Biochemistry. (Sabbatic leave.)
- HERMANN CHRISTIAN DAVIDSEN, Ph.D., Assistant Professor of German.
- JOSEPH QUINCY ADAMS, JR., A.B., A.M., Ph.D., Assistant Professor of English.
- FRANCIS ROBERT SHARPE, B.A., Ph.D., Assistant Professor of Mathematics.
- WALTER BUCKINGHAM CARVER, Ph.B., Ph.D., Assistant Professor of Mathematics.
- ARTHUR RANUM, A.B., Ph.D., Assistant Professor of Mathematics.
- HORACE LEONARD JONES, A.B., A.M., Ph.D., Assistant Professor of Greek.
- ALBERT WILHELM BOESCHE, A.B., Ph.D., Assistant Professor of German.
- JOHN BAUER, Ph.D., Assistant Professor of Economics. (Leave of absence).
- EUGENE PLUMB ANDREWS, A.B., Assistant Professor of Archaeology.
- FLOYD KARKER RICHTMYER, A.B., Ph.D., Assistant Professor of Physics.
- DAVID CLINTON GILLESPIE, A.B., M.A., Ph.D., Assistant Professor of Mathematics.
- GEORGE LIVINGSTONE HAMILTON, A.B., A.M., Ph.D., Assistant Professor of the Romance Languages and Literatures.
- JAMES CHESTER BRADLEY, A.B., M.S., Ph.D., Assistant Professor of Systematic Entomology.
- OSCAR DIEDRICH VON ENGELN, A.B., Ph.D., Assistant Professor of Physical Geography.
- BENTON SULLIVAN MONROE, A.B., A.M., Ph.D., Assistant Professor of English.
- RASMUS S. SABY, Ph.D., Assistant Professor of Political Science.
- ROSWELL CLIFTON GIBBS, A.B., A.M., Ph.D., Assistant Professor of Physics.
- ROY G. BLAKEY, A.B., A.M., Ph.D., Assistant Professor of Economics.
- HARRY PORTER WELD, Ph.B., Ph.D., Assistant Professor of Psychology.
- OSKAR AUGUSTUS JOHANNSEN, B.S., A.M., Ph.D., Assistant Professor of Biology.
- GUSTAV ERNST FREDRICK LUNDELL, A.B., Ph.D., Assistant Professor of Chemistry.
- CHARLES WILLIAM BENNETT, B.S., A.M., Ph.D., Assistant Professor of Chemistry.
- JOHN ROSCOE TURNER, B.S., M.S., Ph.D., Assistant Professor of Economics.
- GUY BROOKS MUCHMORE, A.B., Assistant Professor of Public Speaking.
- DAVID KENNEDY FRASER, B.Sc., M.A., Assistant Professor of Education.
- LAURENCE PUMPELLY, A.B., Ph.D., Assistant Professor of the Romance Languages and Literatures.
- RALPH HAYWARD KENISTON, A.B., A.M., Ph.D., Assistant Professor of the Romance Languages and Literatures.
- ABBOTT PAYSON USHER, A.B., A.M., Ph.D., Assistant Professor of Economics.
- ROSS PETER ANDERSON, A.B., Ph.D., Assistant Professor of Chemistry.
- DONALD ENGLISH, B.S., M.B.A., Acting Assistant Professor of Economics.
- WALLIE ABRAHAM HURWITZ, Ph.D., Assistant Professor of Mathematics.
- JAMES BATCHELLER SUMNER, Ph.D., Assistant Professor of Biochemistry in the Department of Physiology.

- RALPH CHAPMAN RODGERS, M.E., A.M., Instructor in Physics.
ALEXANDER M. DRUMMOND, A.B., A.M., Instructor in Public Speaking.
CLYDE FIRMAN CRAIG, A.B., Ph.D., Instructor in Mathematics.
FREDERICK WILLIAM OWENS, Ph.D., Instructor in Mathematics.
JEAN MARIUS GÉLAS, Instructor in Fencing.
HARRY WESTFALL REDFIELD, B.S., Ph.D., Instructor in Chemistry.
ALBERT HAZEN WRIGHT, A.B., A.M., Ph.D., Instructor in Neurology and Vertebrate Zoology.
ELMER JAMES BAILEY, Ph.B., Ph.M., A.M., Ph.D., Instructor in English.
ARTHUR AUGUSTUS ALLEN, A.B., A.M., Ph.D., Instructor in Zoology.
ALBERT LEROY ANDREWS, A.B., A.M., Ph.D., Instructor in German and Scandinavian.
JOSEPH VANCE MCKELVEY, A.B., A.M., Ph.D., Instructor in Mathematics.
LOUIS LAZARUS SILVERMAN, A.B., A.M., Ph.D., Instructor in Mathematics.
THOMAS WHITNEY BENSON WELSH, A.B., Ph.D., Instructor in Chemistry.
BURTON JUDSON LEMON, A.B., Ph.D., Instructor in Chemistry.
WESLEY DANIEL ZINNECKER, Ph.D., Instructor in German.
FREDERICK MILLER SMITH, A.B., Instructor in English.
LESLIE NATHAN BROUGHTON, A.B., A.M., Ph.D., Instructor in English.
GEORGE IRVING DALE, A.B., Instructor in the Romance Languages and Literatures.
EDWIN CHARLES MAYER, A.B., Instructor in Physics.
JOSEPH STANLEY HOOK, A.B., A.M., Instructor in Economic Geology.
DANE BALDWIN, A.B., M.A., Instructor in English.
ALLAN H. GILBERT, A.B., Ph.D., Instructor in English.
RANSOM EVARTS SOMERS, A.B., A.M., Instructor in Economic Geology.
CARLTON ELDERKIN POWER, B.S., Instructor in Physics.
MELVIN GLEASON CROWELL, A.B., A.M., Instructor in English.
FRANK HOLT, A.B., Instructor in German.
GERARD JENSEN, Ph.D., Instructor in English.
GEORGE H. BROWN, A.B., A.M., Instructor in the Romance Languages and Literatures.
WILLIAM SILLIMAN FOSTER, A.B., Ph.D., Instructor in Psychology.
ELLSWORTH DAVID ELSTON, A.B., Instructor in Physical Geography.
THOMAS BENJAMIN BROWN, A.B., Instructor in Physics.
ROBERT WALDO KING, A.B., Instructor in Physics.
JOHN HERBERT TOWNLEY, Instructor in English.
WILLIAM K. WRIGHT, A.B., Ph.D., Instructor in Philosophy and Lecturer in Education.
EDMUND GARRIGUES BORING, M.E., M.A., Ph.D., Instructor in Psychology.
CHARLES HERBERT OTIS, Ph.D., Instructor in Botany.
ELAM J. ANDERSON, A.B., Instructor in Public Speaking.
SAMUEL ARTHUR MAHOOD, B.Sc., M.A., Instructor in Chemistry.
VICTOR ELVERT MONNETT, A.B., Instructor in Geology.
KASSON STANFORD GIBSON, A.B., Instructor in Physics.
HUGH McMILLAN KINGERY, B.A., M.A., Instructor in Histology and Embryology.
WILLIAM GARFIELD MALLORY, A.B., A.M., Instructor in Physics.
RALPH A. BOWN, M.E., Instructor in Physics.
JOHN WILLIAM HEBEL, A.B., A.M., Instructor in English.

LEWIS HENRY BOULTER, A.B., A.M., Instructor in English.
 PETER ANDREW VAN DER MEULEN, B.Chem., Instructor in Mineralogy and Petrography.
 ROBERT WILBUR BURGESS, A.B., Ph.D., Instructor in Mathematics.
 JOSEPH SLEPIAN, A.B., Ph.D., Instructor in Mathematics.
 CARLETON CHASE MURDOCK, B.S., Instructor in Physics.
 HOWARD LYLE REED, A.B., Ph.D., Instructor in Economics.
 ANDREW THEODORE RASMUSSEN, A.B., Instructor in Physiology.
 CHARLES ROLAND HUGINS, A.B., Instructor in Economics.
 THEODORE T. STENBERG, A.B., A.M., LL.B., Instructor in Public Speaking.
 RAY PRESTON BOWEN, A.B., Instructor in the Romance Languages and Literatures.
 HOWARD A. PIDGEON, B.S., M.S., Instructor in Physics.
 CHARLES LEE SWISHER, A.B., Instructor in Physics.
 PAUL THORNE WEEKS, A.B., Instructor in Physics.
 MURRAY WRIGHT BUNDY, A.B., A.M., Instructor in English.

Assistants

ANDREW CURTIS WHITE, A.B., Ph.D., Reader in Greek.
 HALLDOR HERMANSSON, Lecturer in German.
 HORACE LEONARD HOWES, B.S., Assistant in Physics.
 PEARL GERTRUDE SHELDON, A.B., Ph.D., Assistant in Geology.
 WILLIAM JAMES O'BRIEN, B.Chem., Assistant in Chemistry.
 AXEL OLSSON, A.B., Assistant in Paleontology and Stratigraphic Geology.
 OLIVER RALPH OVERMAN, A.B., A.M., Assistant in Chemistry.
 MERRITT JAMES DAVIS, B.Chem., Assistant in Chemistry.
 ARTHUR BENNING RAY, B.A., M.A., Assistant in Chemistry.
 CLIFFORD COUTANT ROSE, B.Chem., Assistant in Chemistry.
 JOHN JOSEPH KENNEDY, B.Chem., Assistant in Chemistry.
 EDWARD LAWRENCE MACK, B.S., Assistant in Chemistry.
 AUSTIN PATTERSON EVANS, A.B., Assistant in Medieval History.
 ALBERT WATSON DAVISON, B.S., M.A., Ph.D., Assistant in Chemistry.
 LEON ALTON PLUMB, A.B., Assistant in Economics.
 CLIFFORD STONE COOLEY, Assistant in Chemistry.
 GORDON OWEN CRAGWALL, A.B., Assistant in Chemistry.
 FRANCIS WEBBER SHERWOOD, B.S., M.S., Assistant in Chemistry.
 HOMER GUY BISHOP, B.S., M.S., Assistant in Psychology.
 MILDRED SEVERANCE, Assistant in Physics.
 HAROLD SELDEN BENNETT, A.B., Assistant in Chemistry.
 NORMAN BRUCE DAVIS, B.Sc., Assistant in Economic Geology.
 JOHN DEWITT DENNEY, A.B., Assistant in Zoology.
 HAROLD WALTER ELLEY, B.Sc., Assistant in Chemistry.
 CARL JOHN ENGELDER, A.B., B.Chem., Assistant in Chemistry.
 NORMAN MACDONALD, B.A., Assistant in Modern European History.
 CHARLES VIVIAN SMITH, A.B., Assistant in Chemistry.
 HOWARD IRVING COLE, B.Chem., Assistant in Chemistry.
 J. ALLINGTON BRIDGMAN, B.Chem., Assistant in Chemistry.
 CHARLES ETHAN ALLEN, A.B., Assistant in Histology and Embryology.
 GUSTAV J. NOBACK, Assistant in Histology and Embryology.

CARL MARTIN BURKE, A.B., A.M., Assistant in Economics.
 FREDERICK RAYMOND GEORGIA, Assistant in Chemistry.
 FRANK E. GERMANN, Assistant in Physics.
 WILLIAM KIRK, Assistant in Chemistry.
 ISMOND ELLIS KNAPP, Assistant in Chemistry.
 RALPH KNAPP, A.B., Assistant in Physics.
 JOSEPH P. KOLLER, Assistant in Chemistry.
 DANIEL CHAUNCEY MCCOY, Assistant in Chemistry.
 JULIA MOESEL, Assistant in Zoology.
 CLARENCE NETZEN, Assistant in Chemistry.
 LAWRENCE MERTON PERKINS, Assistant in Physics.
 ALMA ROSA THORNE, A.B., Ph.D., Assistant in Education and Philosophy.
 CARL JOSEPH WEST, M.A., Assistant in Mathematics.
 CARL LUTHER ZINSSMEISTER, B.L., Assistant in Botany.
 GILBERT VALENTINE ANDERSON, Assistant in Physics.
 ARTHUR AYLING BLUE, Assistant in Chemistry.
 HOMER ALLEN BOHALL, A.B., Assistant in Chemistry.
 ALEXANDER MAXWELL HAMBURG, Reading Assistant in Economics.
 REUBEN LORENZO HILL, B.S., Assistant in Biochemistry.
 WALTER BELLINGER REICH, Assistant in Physics.
 EARL DUDLEY ROSS, A.B., Assistant in American History.
 WILLIAM ARTHUR SCHNEDEKER, Assistant in Chemistry.
 JAMES D. THOMPSON, S.B., Assistant in Physical Geography.
 WARREN LAFAYETTE MOODY, Assistant in Chemistry.
 ALLEN MCKINLEY THURSTON, Assistant in Chemistry.
 DONALD K. TRESSLER, A.B., Assistant in Chemistry.
 FELIX MORSE FREDERIKSEN, A.B., Assistant in Chemistry.
 FRANK HYNEMAN KNIGHT, Ph.B., B.S., M.A., Assistant in Economics.
 BLEECKER MARQUETTE, Assistant in English History.
 LLOYD C. MERRIMAN, B.S., Assistant in Histology and Embryology.
 FRANK OLIN RITTER, A.B., Assistant in Philosophy.
 REMINGTON ROGERS, LL.B., Assistant in Economics.
 WILLIAM MALCOLM STOBBS, Assistant in Histology and Embryology.
 FRANK HOWELL POLLARD, Assistant in Chemistry.
 A. H. SWEET, Assistant in English History.
 WALLACE HENRY WOLCOTT, Assistant in Geology.

Lecturers

Roscoe Pound, Ph.D., LL.M., Carter Professor of General Jurisprudence in the Harvard University Law School, Lecturer on the Goldwin Smith Foundation.

Taft, William Howard, B.A., LL.B., LL.D., Professor of Constitutional Law in the Law Department of Yale University, Lecturer on the Goldwin Smith Foundation.

The Jacob H. Schiff Non-Resident Lectureship in German is supported from the income of the Jacob H. Schiff Endowment for the Promotion of Studies in German Culture.

The Goldwin Smith Lectureship is supported from the income of the fund received by the University under the will of Goldwin Smith.

COLLEGE OF ARTS AND SCIENCES

For admission to the College of Arts and Sciences, see page 35; for tuition in the College of Arts and Sciences, see page 42.

Two curricula are offered in the College of Arts and Sciences, one leading to the degree of Bachelor of Arts, the other leading to the degree of Bachelor of Chemistry.

THE DEGREE OF BACHELOR OF ARTS

1. For the degree of Bachelor of Arts the student is required to complete eight terms of resident study. For the requirements in military science and tactics and in physical culture, see page 162.

To secure credit for a term of residence, a student must pass during that term at least twelve hours of work. A student failing in any given term to pass twelve hours may continue in the college only under such conditions and at such time as the Faculty, through its Committee on Academic Records, may designate.

When a student's failure is due to ill health or to other sufficient reasons beyond his control, the term's residence may be completed either by attendance at a summer session, or by examination, or by both, but no surplus credits for work done in any other term may be used to complete the necessary twelve hours.

When the failure is due to other causes than those specified above, the term's credit is cancelled.

2. In case a student has gained six hours of college credit by passing at admission the examinations set for that purpose, he may secure credit for a term of residence by attending a summer session of the University. If the college credit gained at entrance amounts to twelve hours, he will be considered as having completed one term of residence.

3. A student who has satisfied the entrance requirements of the college, and has afterwards completed in two or more Summer Sessions of the University at least twelve hours of work in approved courses, will be regarded as having thus fulfilled a term of residence. Under no circumstances will work done in Summer Sessions be accepted as the equivalent of more than two terms. Subject to certain restrictions, courses pursued in summer sessions of universities belonging to the Association of American Universities by a student regularly registered in this college or in a college of like standing, may be credited toward the degree.

4. The degree will not be conferred upon any student unless he has been in residence at Cornell University during the last two of the required eight terms.

5. No student will be recommended for the degree unless his record shows that the total amount of his completed work corresponds to an average of at least fifteen hours a term; nor unless half his work has been above the grade D. (Grade A indicates excellent work; B, superior to the average; C, average; D, inferior to the average; E, conditioned; F, failed.)

6. A student admitted to the College of Arts and Sciences from another college of Cornell University, or from any other institution of collegiate rank, will be regarded as having completed the number of terms and of hours to which his records entitle him, and will receive all the privileges of students who have completed the same number of terms and hours by residence in the college. But to obtain the degree of Bachelor of Arts he must have been in residence at least two terms in the College of Arts and Sciences and in that college only.

7. Any student who, while registered in the College of Arts and Sciences only, attends a course or courses in another college, shall not count the same as part of the twelve hours necessary to obtain credit for a term of residence.

8. Any student who has completed at least six terms of residence, no one of them under the provisions of paragraph 2, may, with the permission of the faculties concerned, be registered both in the College of Arts and Sciences and also in any other college of Cornell University.

CHOICE OF STUDIES

10. On or before the third day of instruction a student registering in the college for the first time must file at the Dean's office his study card with list of courses for the term.

11. Two weeks before the end of each term a student must file at the Dean's office his study card with list of courses for the next term.

12. With the consent of the Dean, a student may alter his list of courses in the first term during the first six days of instruction, and in the second term during the first day of instruction.

13. Thereafter no student shall have the right to withdraw from any course in which he is registered, unless he shall previously have obtained from the Dean authorization to do so on the ground of illness or for other reasons beyond the student's control.

14. Each freshman and sophomore must confer with an underclass adviser before handing in his study card to the Dean. Advisers will be assigned by the chairman of the Committee on Underclass Advisers. The function of the adviser is to consult with the student regarding his choice of studies, to confer with him during the term regarding his work, and in general to give him such friendly counsel as he may desire.

15. Before a student may be registered as a junior he must have completed sixty hours of work, which shall include in English and history six hours, in one or more languages other than English six hours, in philosophy, psychology, and mathematics six hours, and in physics, chemistry, geology, physical geography, and the biological sciences six hours, of which hours the student is required to take at least twelve, and advised to take more, in his freshman year. Each six hours may be entirely in one division (for example, English six hours), or partly in one and partly in another (for example, English three hours and history three hours). College credit gained under paragraph 2 may not be applied in satisfaction of any of these required groups of six hours.

16. Each student shall choose at the beginning of his junior year one of the following groups. 1. Ancient Languages. 2. Modern Languages. 3. English and Public Speaking. 4. Philosophy, Psychology, and Education. 5. History and Political Science. 6. Mathematics and Astronomy. 7. Physics. 8. Chemistry. 9. Botany. 10. Zoology and Entomology. 11. Physiology, Histology, and Embryology. 12. Geology and Physical Geography.

With the sanction of his adviser and of the Dean, a student may choose, instead of one of the upper-class groups listed above, a combination of two related groups. In the group selected he must complete during his junior and senior years at least twenty hours of work. In choosing these twenty hours, the student must obtain the advice of some professor or assistant professor within the group. A senior in this college who is registered also in some other college of Cornell University is excused from ten of these twenty hours.

COURSES OPEN TO FRESHMEN WITHOUT SPECIAL PERMISSION OF THE ADMINISTRATIVE BOARD IN CHARGE OF FRESHMEN AND SOPHOMORES

Greek, 1, 2; Latin, A, B, 1, 3; Germanic Languages, 1, 2, 3, 4, 4a, 5, 5a, 7, 8, 10; Romance Languages, 1, 2, 3, 4, 4a, 5, 6, 30, 32, 40, 42; English, 1, 3; History, 1, 2, 31, 32; Bibliography, 1, 1a; Music, 1; Mathematics, 1, 2, 3, 4, 5, 6, 7, 8; Physics, 2, 3, 4b, 10; Chemistry, 1, 6, 7, 85; General Biology, 1; Botany, 1, 2, 3, 4; Entomology, etc., 4, 5, 10; Vertebrate Zoology and Neurology, 1, 5; Physiology, 3, 6; Geology, 1, 2, 11, 21.

THESES

Any senior candidate for the degree of Bachelor of Arts may arrange with the department in which he is taking his principal work to write a thesis, which, if accepted, shall entitle him to not more than three hours of credit a term.

THE DEGREE OF BACHELOR OF CHEMISTRY

The requirements for the degree of Bachelor of Chemistry are residence for eight terms and the completion of the following curriculum. For the requirements in military science and tactics and in physical culture, see page 162.

First Year

	No. of Course	First Term	Second Term
Introductory Inorganic Chemistry.....Chemistry	1	6	—
Qualitative Analysis.....Chemistry	7	—	6
Analytic Geometry, Differential Calculus, Integral Calculus.....Mathematics	7	5	5
Introductory Experimental Physics.....Physics	2	—	5
Drawing.....Sibley College	D3	3	—
English.....English	1	4	4

Second Year

Quantitative Analysis.....Chemistry	12	0 or 6	6 or 0
Organic Chemistry.....Chemistry	30	6	6
Gas Analysis.....Chemistry	19 & 20	0 or 4	4 or 0
Introductory Physical Experiments.....Physics	10	2	—
Physical Experiments.....Physics	14	—	2
Crystallography.....Geology	12	—	3
Optico chemical Methods.....Chemistry	17	—	3
Elective.....		—	3

Third Year

Introductory Physical Chemistry.....Chemistry	50	3	3
Physical Chemistry Laboratory.....Chemistry	51	3	3
Microchemical Methods.....Chemistry	65	2 or 0	0 or 2
Quantitative Analysis, Lectures.....Chemistry	15	—	2
Advanced Quantitative Analysis.....Chemistry	14	2	2
General Physics.....Physics	9	2	—
Physical Experiments.....Physics	14	2	—
Mechanics.....Sibley College	M5	5	—
Mechanical Laboratory.....Sibley College	X13	—	4
Elective.....			3

Students that wish to register in the junior year for a greater number of elective hours than the schedule demands may, with the consent of the Department, defer taking some of the required courses of the junior year.

Fourth Year

Electrical Engineering Laboratory.....Sibley College	E 13	4	—
Seminary.....Chemistry	95	—	1
Research.....Chemistry	96 (at least)	4	4
Electives.....at least		5	5

In choosing his elective subjects in the senior year the student is advised to select as his special field some one of the following six divisions of chemistry: inorganic chemistry, analytical chemistry, organic chemistry, physical chemistry, sanitary chemistry, or agricultural chemistry. While the greater part of the elective work should lie in the field thus chosen, the remainder may comprise courses in any division of chemistry, or such other courses as may be approved by the Department of Chemistry.

The provisions of paragraphs 3, 4, 6, 10, 11, 12, and 13 under "the Degree of Bachelor of Arts" apply in general to candidates for the degree of Bachelor of Chemistry. But a candidate for the latter degree may register for nineteen hours a term. To register for more than nineteen hours in any term he must secure the permission of the Department of Chemistry.

COURSES OF INSTRUCTION

For detailed information concerning the courses of instruction, the announcement of the College of Arts and Sciences should be consulted. A copy of the Announcement will be sent gratis on application to the Secretary of the University.

SEMITIC LANGUAGES AND LITERATURES

1. **Hebrew.** Throughout the year. Professor SCHMIDT. M T Th, 2. Open only to juniors, seniors, and graduates.
- 2a. **Arabic.** Throughout the year. Professor SCHMIDT. T Th, 9. Primarily for graduates.
- 2b. **Advanced Arabic.** Throughout the year. two hours a week. Prerequisite course 2a. Professor SCHMIDT. W F, 2.
3. **Ethiopic.** Throughout the year. Prerequisite courses 1, 2. Professor SCHMIDT. T Th, 3. Primarily for graduates.
- [4a. **Assyrian.** Throughout the year, two hours a week. Prerequisite courses 1, 2. Professor SCHMIDT. Open only to graduates.] Not given in 1914-15.
- 4b. **Aramaic.** Throughout the year. Professor SCHMIDT. T Th, 4.
- 5a. **Egyptian.** Throughout the year. Prerequisite courses 1, 2. Professor SCHMIDT. W, 4-6. Primarily for graduates.
- [5b. **Coptic.** Throughout the year, two hours a week. Prerequisite course 5a. Professor SCHMIDT. Primarily for graduates.] Not given in 1914-15.
6. **Semitic Literature.** Throughout the year. Professor SCHMIDT. M W, 3. Open to juniors, seniors, and graduates.
7. **Semitic Seminary.** Throughout the year. Prerequisite courses 1, 4b. Professor SCHMIDT. M, 4-6.
8. **Comparative Semitic Philology.** Throughout the year. Prerequisite courses 1, 2, 4b. Professor SCHMIDT. F, 3. For graduates.
- [9a. **Oriental History.** Throughout the year, two hours a week. Professor SCHMIDT. Introduction to the history of Asia.] Not given in 1914-15.
- 9b. **Oriental History.** Throughout the year. Professor SCHMIDT. T Th, 10. Open to juniors, seniors, and graduates.

GREEK

1. **Elementary Greek.** Assistant Professor JONES. Daily 8.
2. **Plato, Selections; Homer's Odyssey.** Throughout the year. Professor BRISTOL. T Th S, 10.
3. **Demosthenes. The Drama.** Throughout the year. Professor BRISTOL. Prerequisite course 2. M W F, 10.
4. **Greek Composition.** Throughout the year, one hour a week. Prerequisite course 2. Assistant Professor JONES.
5. **New Testament Greek.** Throughout the year. W F, 8. Dr. WHITE.
7. **Myths of the Epic Cycle.** First term. Assistant Professor JONES. T Th, 12.
10. **Herodotus (or Thucydides); Aeschylus (or Pastoral Poetry).** Throughout the year, two hours a week. Assistant Professor JONES.
12. **The Republic of Plato.** Throughout the year, three hours a week. Professor HAMMOND.
20. **Greek Seminary: Homer.** W, 2:30, and one other hour to be arranged. Professor BRISTOL. For graduates and, by special permission, qualified seniors.
21. **Introduction to the Study of Language.** First term, and until the Spring recess, M W F, 11. Professor BRISTOL. For graduates and qualified seniors.

GREEK ART AND ANTIQUITIES

Courses 1 and 3 in this department do not require any knowledge of Greek or of Latin. Courses 5 and 6 presuppose facility in reading Greek.

1. **History of Greek Sculpture.** Repeated in second term. Assistant Professor ANDREWS. First term, M W F, 9; second term, M W F, 11.
3. **Greek Antiquities.** Repeated in second term. Assistant Professor ANDREWS. First term, M W F, 11; second term, M W F, 9.
5. **Pausanias.** Two hours a week. Assistant Professor ANDREWS.
6. **Greek Epigraphy.** Two hours a week. Assistant Professor ANDREWS.
7. **Modern Greek.** Two hours a week. Assistant Professor ANDREWS.

LATIN

- A. **Elementary Latin.** Throughout the year. M T W Th F, 8. Professor ELMER.
- B. **Cicero, Orations; Virgil, Aeneid I-IV.** Throughout the year. Prerequisite course A or entrance credit for two units of Latin. Professor ELMER. M W F, 2.

1. **Livy; Cicero, De Senectute; Horace, Odes and Epodes; Latin Writing.** Throughout the year. M W F, 10, Professor BENNETT. M W F, 11, Professor DURHAM. M W F, 12, Professor DURHAM.

[1a. **Freshman Latin Composition and Conversation.** Throughout the year, one hour a week. Professor DURHAM.] Not given in 1914-15.

[2. **Sight Translation: Gellius, Selections; Ovid, Metamorphoses.** Throughout the year, one hour a week.] Not given in 1914-15.

3. **Sight Translation: Caesar's Civil War; Phaedrus; Martial.** Throughout the year. Professor ELMER. Sec. 1, T, 11; sec. 2, S, 10.

[7. **Classic Myths in English Literature.** Second term only, two hours a week. Professor DURHAM.] Not given in 1914-15.

8. **Terence; Catullus; Horace, Satires and Epistles; Tacitus, Agricola and Germania.** Throughout the year. Prerequisite course 1. Professor DURHAM. T Th S, 9.

8a. **Sophomore Latin Composition and Conversation.** Throughout the year, one hour a week. Professor DURHAM.

11. **Cicero's Letters; Cicero, De Oratore, Book I.** Throughout the year, two hours a week. Prerequisite course 1 or the equivalent. Professor ELMER.

[12. **Virgil's Aeneid VII-XII; Cicero, De Officiis.** Throughout the year, two hours a week. Prerequisite course 1. Professor ELMER.] Not given in 1914-15.

16. **Selections from the Republican Literature: Plautus, the Captives and Mostellaria; Lucretius; Lectures on the History of Roman Literature.** Throughout the year. Prerequisite course 8, 11, or 12. Professor BENNETT. T Th S, 9.

[17. **Literature and History of the Early Empire: Suetonius, Lives of the Caesars; Pliny's Letters; Tacitus's Annals.** Throughout the year, T Th S, 9. Prerequisite course 8, 11, or 12. Professor BENNETT.] Not given in 1914-15.

21. **Intermediate Course in Latin Writing.** Throughout the year, one hour a week. Prerequisite course 1. Professor ELMER.

26. **Teachers' Training Course.** Throughout the year, W F, 12. Open, upon personal application to the professor, to students who have had course 8, 11, or 12, and have taken or are taking course 16 or 17. Professor BENNETT.

[27. **Roman Life and Art.** Throughout the year, two hours a week. Professor BENNETT.] Not given in 1914-15.

34. **Cicero, in Verrem, Fourth Oration of the Actio Secunda.** Throughout the year, Th. 11. Prerequisite course 8, 11, or 12. Professor ELMER.

[35. **Cicero's Philippics.** Throughout the year, one hour a week. Prerequisite course 8, 11, or 12. Professor ELMER.] Not given in 1914-15.

41. **Latin Seminary: Plautus.** First term. Professor BENNETT. T, 2, and S, 10, Library, Greek and Latin Seminary Room. Exclusively for graduates.

[42. **History, Aim, and Scope of Latin Studies.** Throughout the year. Professor BENNETT. Exclusively for graduates.] Not given in 1914-15.

[43. **Historical Latin Syntax.** Second term. Professor BENNETT. Exclusively for graduates.] Not given in 1914-15.

44. **Historical Grammar of the Latin Language.** Throughout the year. Professor BENNETT. Exclusively for graduates. T Th, 10.

45. **Latin Writing, Advanced Course.** Throughout the year. Professor ELMER. W, 3. For graduates.

[46. **History and Development of Roman Epic Poetry.** Throughout the year. Professor ELMER. Exclusively for graduates.] Not given in 1914-15.

47. **Vulgar Latin. Elementary Course.** Second term, two hours a week. Professor DURHAM.

48. **Vulgar Latin. Advanced Course.** First term, hours to be arranged. Open to graduates and to qualified undergraduates. Professor DURHAM.

50. **Latin Epigraphy.** First term, two hours a week. Professor DURHAM. A reading knowledge of German and French is required.

Roman History, see HISTORY, courses 1 and 2.

Latin Paleography, see HISTORY, course 73.

GERMAN

1. **Course for Beginners: Oral Training, Grammar, Composition, Translation.** Repeated in second term. First term: Daily, 9. Assistant Professor POPE; daily, 11. Dr. ZINNECKER. Second term: daily, 10. Dr. ZINNECKER.

2. **Oral Training, Grammar, Composition, Translation.** First term only. Prerequisite first year German of the entrance requirements. T Th S, 10. Assistant Professor BOESCHE.

3. **Oral Training, Grammar, Composition, Translation.** Repeated in second term. Five hours a week. Prerequisite course 1, or course 2, or entrance credit for two units of German.

First term: Four sections. Dr. ZINNECKER, Dr. ANDREWS, Mr. HOLT, Mr. HOLT. Second term: Three sections. Dr. ZINNECKER, Dr. ANDREWS, Mr. HOLT.

4. **Elementary German Composition and Conversation.** Throughout the year. Open to those who have taken or are taking course 3. M W F, 12, Dr. ZINNECKER. T Th S, 9, first term, Dr. ANDREWS; second term, Assistant Professor POPE.

4a. **Elementary German Composition and Conversation.** Second term only. Mr. HOLT. M T W Th F, 10.

5. **Intermediate German Course.** Throughout the year. Prerequisite course 3. T Th S, 10, first term, Professor FAUST; second term, Assistant Professor POPE. M W F, 9, Mr. HOLT. T Th S, 12, Dr. ANDREWS.
- 5a. **Intermediate German Course.** Second term only. Prerequisite course 3. Dr. ANDREWS. M T W Th F, 9. This course is equivalent to course 5.
7. **Intermediate German Course.** Throughout the year. Prerequisite course 3. M T W Th F, 10, Assistant Professor DAVIDSEN; M T W Th F, 12, Assistant Professor BOESCHE. This course in two terms covers the work of courses 4 (or 4a) and 5 (or 5a).
8. **Scientific German.** Second term, two hours a week. Prerequisite courses 1-3. M W, 11, Assistant Professor BOESCHE.
10. **Advanced German Composition and Conversation.** Throughout the year. Prerequisite courses 1-5. M W F, 10, Assistant Professor POPE; T Th S, 11, Assistant Professor DAVIDSEN.
11. **Schiller's Life and Works.** Throughout the year. Prerequisite courses 1-5. Assistant Professor BOESCHE. T Th S, 11.
12. **Goethe's Life and Works.** First term. Primarily for juniors and seniors. Prerequisite courses 1-5. Professor FAUST. T Th S, 9.
13. **Goethe's Faust, part I and portions of part II.** Second term. Primarily for juniors and seniors. Prerequisite courses 1-5. Professor FAUST. T Th S, 9.
14. **History of German Literature.** First term. Prerequisite courses 1-5, or the equivalent. Professor FAUST. M W F, 9.
15. **History of German Literature.** Second term. Prerequisite courses 1-5, or the equivalent. Professor FAUST. M W F, 9.
- [16. **The German Drama of the Nineteenth Century.** Throughout the year, three hours a week. Prerequisite courses 1-5, and 10. Assistant Professor DAVIDSEN.] Not given in 1914-15.
17. **The Literature of the Reformation.** First term. Prerequisite courses 1-5, and 10. Assistant Professor DAVIDSEN. M W F, 11.
18. **Lessing's Life and Works.** Second term. Prerequisite courses 1-5, and 10. Assistant Professor DAVIDSEN. M W F, 11.
24. **Lyric and Ballad Poetry.** Second term. Prerequisite courses 1-5. Assistant Professor POPE. M W F, 12.
30. **The History of the German Element in the United States.** First term. Professor FAUST. M, 12.
- [34. **Elementary Phonetics and its Application to the Study of Modern Languages.** First term. One hour a week. Assistant Professor DAVIDSEN.] Not given in 1914-15.
35. **Principles of Word Formation.** First term. Assistant Professor DAVIDSEN. W F, 12.
36. **Topics in Historical German Syntax.** Second term. Assistant Professor BOESCHE. M W F, 10.
37. **Elementary Middle High German.** First term. Prerequisite courses 1-5, 10, and at least six hours advanced work in German literature. Assistant Professor POPE. T Th S, 10.
38. **Modern Scandinavian.** Throughout the year. Dr. ANDREWS. M W F, 12.
40. **Teachers' Course.** Second term. Prerequisite courses 1-5, 10, and eighteen hours of advanced work in German literature or philology. Professor FAUST, assisted by his colleague of the German Department. F, 2-4.
- [41. **Advanced Middle High German.** Second term, three hours a week. Assistant Professor POPE. Primarily for graduates.] Not given in 1914-15.
- [42. **Gothic.** First term, three hours a week. Assistant Professor BOESCHE. Primarily for graduates.] Not given in 1914-15.
43. **Old High German.** First term. Prerequisite course 37. Assistant Professor BOESCHE. M W F, 11. Primarily for graduates.
- [44. **Old Icelandic.** Throughout the year, three hours a week. Dr. ANDREWS. Primarily for graduates.] Not given in 1914-15.
46. **Old Norse Mythology.** Second term. Mr. HERMANNSSON. F, 11.
- [47. **Principles of Germanic Philology.** Second term, two hours a week. Prerequisite course 42. Dr. ANDREWS.] Not given in 1914-15.
48. **Seminary in German Literature.** First term. Professor FAUST. F, 2-4. For graduates only.
49. **Seminary in German Literature.** Second term, two hours a week. Assistant Professor DAVIDSEN. Primarily for graduates.
51. **Seminary in German Philology.** Second term, two hours a week. Assistant Professor POPE. Primarily for graduates.
- [51. **Lectures in German on the History of German Art.** Second term, credit three hours. Professor ARTUR WEESE, Professor of the History of Art, University of Bern, Switzerland, Jacob H. Schiff non-resident lecturer for 1915. Daily except Saturday, 4.45 p.m. in February and March. Collateral reading will be required of those taking the course for credit.] Not given in 1915.

ROMANCE LANGUAGES

1. **Elementary Course. Grammar, Composition, Translation.** Repeated in second term. First term: Daily, 12, Professor MASON and Mr. BOWEN; daily, 8, Mr. DALE and Mr. BOWEN; daily, 9, Mr. BROWN. Second term: daily, 12, Assistant Professor PUMPELLY; daily, 8, Mr. BROWN.
2. **Grammar, Composition, Translation.** First term. Prerequisite first year French of the entrance requirements. T Th S, 10. Mr. CARPENTER.
3. **Grammar, Composition, Translation.** Repeated in second term, five hours a week. Prerequisite course 1, or course 2, or entrance credit for two units of French. Three sections: M T W Th F, 9, 10, and 12: Mr DALE, Mr. BROWN, Mr. DALE.
4. **Advanced Translation.** Repeated in second term. Prerequisite course 3. First term: M W F, 9, Assistant Professor KENISTON; M W F, 11, Professor MASON; T Th S, 12, Assistant Professor PUMPELLY. Second term: sec. 1, T Th S, 9, Professor MASON; sec. 2, M W F, 10, Assistant Professor GUERLAC.
- 4a. **Advanced Translation.** Second term. Prerequisite course 4. T Th S, 10. Assistant Professor HAMILTON.
5. **Elementary French Composition.** Throughout the year. Prerequisite course 3. T Th S, 9, and M W F, 11. Assistant Professor PUMPELLY.
6. **History of French Literature.** Second term. Prerequisite course 4. M W F, 11. Assistant Professor GUERLAC.
7. **French Literature of the Seventeenth Century.** Throughout the year, three hours a week. Prerequisite course 4. Professor COMFORT.] Not given in 1914-15.
8. **French Literature of the Eighteenth Century.** Throughout the year, three hours a week. Prerequisite course 4. Assistant Professor GUERLAC.] Not given in 1914-15.
9. **French Literature of the Nineteenth Century.** Throughout the year. Prerequisite course 4. M W F, 9. Professor MASON.
10. **French Dramatic Literature.** Throughout the year, three hours a week. Prerequisite course 4.] Not given in 1914-15.
11. **French Fiction.** Throughout the year. Prerequisite course 4. Professor MASON. T Th, 10.
13. **French Phonetics.** First term. Prerequisite courses 4, 5. Assistant Professor PUMPELLY. S, 11.
14. **Advanced French Composition.** Throughout the year. Prerequisite courses 4, 5. Assistant Professor PUMPELLY. T Th S, 11.
22. **French Poetry of the Sixteenth Century.** Second term, three hours a week. Prerequisite course 6. Professor MASON.
23. **French Philology.** Throughout the year. Prerequisite course 6, and entrance Latin. Assistant Professor PUMPELLY. M, 2.30-4.30, Th, 10.
24. **French Medieval Literature.** Second term, two hours a week. Prerequisite course 6. Professor COMFORT.] Not given in 1914-15.
25. **Old French Phonology and Morphology.** Second term, two hours a week. Assistant Professor HAMILTON. For graduates only.] Not given in 1914-15.
26. **Old French Texts.** Throughout the year, two hours a week. Prerequisite course 23. Assistant Professor HAMILTON. T, 2.30.
27. **Modern French Seminary.** Throughout the year, two hours a week. Professor MASON. Primarily for graduates.
28. **Low Latin.** First term, two hours a week. Assistant Professor HAMILTON. Primarily for graduates.
30. **Italian. Elementary Course.** Throughout the year. T Th S, 9. Assistant Professor HAMILTON.
32. **Italian Poetry: Dante, Leopardi, Carducci.** Throughout the year. Prerequisite course 30, or second year Italian of the entrance requirements. Assistant Professor HAMILTON. T Th S, 11.
33. **Petrarch and the Renaissance.** Throughout the year, two hours a week. Prerequisite course 32. Assistant Professor HAMILTON. Primarily for graduates.] Not given in 1914-15.
35. **Dante: the Minor Works.** Throughout the year, two hours a week. Prerequisite course 32. Assistant Professor HAMILTON. Primarily for graduates.
40. **Spanish. Elementary Course.** Throughout the year. M W F, 10, Assistant Professor KENISTON and Mr. BOWEN; T Th S, 11, Assistant Professor KENISTON and Mr. BOWEN; M W F, 12, Mr. BROWN.
42. **Spanish. Prose and Poetry.** Throughout the year. Prerequisite course 40. Assistant Professor KENISTON. M W F, 11.
44. **The Spanish Drama.** Throughout the year. Prerequisite course 42. T Th, 12. Assistant Professor KENISTON.
46. **The Spanish Novel.** Throughout the year, two hours a week. Prerequisite course 42.] Not given in 1914-15.
47. **Old Spanish.** Throughout the year, two hours a week. Prerequisite course 44 or 46. Assistant Professor KENISTON. Primarily for graduates.
60. **Old Provençal.** First term, two hours a week. Assistant Professor HAMILTON. Primarily for graduates.] Not given in 1914-15.

ENGLISH

1. **Introductory Course.** Throughout the year, credit four hours a term. Assistant Professors ADAMS and MONROE; Drs. BAILEY, BROUGHTON, GILBERT, and JENSEN; Messrs. BALDWIN, CROWELL, TOWNLEY, HEBEL and BOULTER. Twenty-five sections.
2. **Nineteenth Century Prose.** Throughout the year. Prerequisite course 1 or 3. Assistant Professors PRESCOTT and NORTHUP, Mr. KIRK, and Dr. BROUGHTON. M W F, 9, 12; T Th S, 9, 12.
3. **English Literature.** Throughout the year, credit four hours a term. Open only to freshmen who are not taking course 1. Lectures, T Th, 11, Professor SAMPSON. Two recitations a week, nine sections.
5. **Advanced Composition.** Throughout the year. Mr. SMITH. T Th S, 10.
- [6a. **Argumentative Composition.** First term, credit three hours. Prerequisite course 1. Assistant Professor MONROE.] Not given in 1914-15.
- [9b. **Teachers' Course.** Second term, credit one hour. Dr. BAILEY. Given in alternate years.] Not given in 1914-15.
10. **Play Writing.** Throughout the year. Professor SAMPSON. T Th, 12.
11. **Old English.** Throughout the year. Prerequisite course 1 or 3. Assistant Professor MONROE. M W F, 11.
12. **Middle English.** Throughout the year, three hours a week. Prerequisite course 11. Professor STRUNK.
22. **Nineteenth Century Poetry.** Throughout the year, three hours a week. Five sections: Professors SAMPSON and STRUNK; Assistant Professors PRESCOTT and COOPER.
24. **English Translations of Greek and Latin Classics.** Throughout the year. Open to upperclassmen. Assistant Professor COOPER. T, 3, Th, 3-5.
- 25b. **Old English Readings.** Second term. Prerequisite first term of course 11. Assistant Professor MONROE. M W, 3.
- 30a. **Chaucer's Canterbury Tales.** First term. Prerequisite course 2, 11, or 22. Professor STRUNK. T Th S, 9.
- [31. **Sixteenth and Seventeenth Century Literature.** Throughout the year, three hours a week. Open to upperclassmen only. Dr. BAILEY.] Not given in 1914-15.
32. **History of English Literature.** Throughout the year. Open to graduates, and to upperclassmen who have taken two full years of English. Dr. BAILEY. M W F, 9.
33. **Recent English Poetry.** Second term. Open to upperclassmen only. Professor STRUNK. T Th S, 9.
37. **Shakespeare.** Throughout the year. Open to upperclassmen only. Professor STRUNK. M W F, 10.
- 38b. **Eighteenth Century Poetry.** Second term. Prerequisite course 2 or 22. Assistant Professor MONROE. M W F, 12.
41. **The English Drama to 1642.** Throughout the year. Open to upperclassmen only. Assistant Professor ADAMS. T Th S, 11.
- 42a. **Elizabethan Non-Dramatic Literature.** First term. Open to upperclassmen only. Assistant Professor ADAMS. M W F, 11.
- 42b. **Shakespearean Tragedy.** Second term. Open to upperclassmen only. Assistant Professor ADAMS. M W F, 11.
47. **The Principles of Poetry and Versification.** First term. Open to upperclassmen only. Assistant Professor PRESCOTT. M W, 10.
48. **American Literature.** Throughout the year. Open to seniors and graduates. Assistant Professor PRESCOTT. T Th S, 12.
50. **Studies in Literature.** Throughout the year, credit two hours a term. Open to upperclassmen only. a. Pastoral Poetry, Dr. BROUGHTON; b. Milton and the Epic, Dr. GILBERT.
51. **Dante in English.** Throughout the year. Assistant Professor COOPER. M, 3-5. Open to seniors and graduates.
52. **Victorian Literature.** Throughout the year. Open to upperclassmen and graduates. Assistant Professor NORTHUP. M W F, 3.
54. **Methods and Materials in the Study of English.** Throughout the year, two hours a week. Assistant Professor COOPER. Open to graduates.
- [55. **Spenser.** Throughout the year, two hours a week. Assistant Professor COOPER. Open to seniors and graduates.] Not given in 1914-15.
- 56a. **The Arthurian Legends.** First term. Open to upperclassmen and graduates. Assistant Professor NORTHUP. M W F, 10.
- 56b. **Middle English Literature.** Second term. Open to upperclassmen and graduates. Assistant Professor NORTHUP. M W F, 10.
59. **Dramatic Structure.** Throughout the year. Open to seniors and graduates. Professor SAMPSON. M W F, 12.
60. **Victorian Poetry.** For graduates only. Dr. BAILEY.
62. **Pastoral Poetry.** For graduates only. Dr. BROUGHTON.
63. **Layamon's Brut.** For graduates only. Assistant Professor MONROE.

65. **The Principles of Literary Criticism.** Throughout the year. Open to seniors and graduates. Assistant Professor COOPER. W, 3-5.
66. **The Epic and the Romance.** For graduates only. Assistant Professor NORTHUP.
67. **The Phonology, Inflections, and Metre of Old English.** For graduates only. Professor STRUNK.
68. **American Literature.** For graduates only. Assistant Professor PRESCOTT.
69. **The Drama.** For graduates only. Professor SAMPSON.

PUBLIC SPEAKING

1. **Public Speaking.** Throughout the year, three hours a week. Five sections. Mr. DRUMMOND; Mr. DRUMMOND; Professor WINANS and Mr. ANDERSON; Assistant Professor MUCHMORE; Professor WINANS and Mr. ANDERSON.
- 1a. **Public Speaking.** Second term. T Th S, 8, Mr. ANDERSON; T Th S, 10, Assistant Professor MUCHMORE. This course repeats the work of the first term in course 1.
6. **Public Speaking for Engineers.** Repeated in second term. Mr. ANDERSON. M W, 12.
8. **Voice Training.** Repeated in second term, credit one or two hours. Assistant Professor MUCHMORE. M W F, 8.
10. **Oral Reading.** Throughout the year. Assistant Professor MUCHMORE. W F, 11.
- [11. **Oral Reading and Oral English.** Throughout the year, two hours a week. Mr. DRUMMOND. For prospective teachers.] Not given in 1914-15.
12. **Argument and Debate.** Throughout the year, three hours a week. Mr. DRUMMOND.
- [14. **Extemporaneous Speaking.** Throughout the year, two hours a week. Professor WINANS.] Not given in 1914-15.
15. **Advanced Public Speaking.** Throughout the year. Professor WINANS. T Th S, 11.
- [16. **Principles of Speech Preparation.** First term, two hours a week. Prerequisite course 1a. Professor WINANS. Open to juniors and seniors only.] Not given in 1914-15.
29. **Oral Expression for Architects.** First term. Professor WINANS. M W F, 9; T Th S, 9.

PHILOSOPHY

1. **Problems of Philosophy.** First term. Lectures, Professor THILLY, M W, 11. Recitations, F, 11. Professor THILLY; Dr. WRIGHT; Mr. RITTER.
2. **Logic.** First term. Dr. WRIGHT. M W F, 12.
3. **Logic.** Second term. T Th S, 11. Professor CREIGHTON. T Th S, 9, Dr. WRIGHT.
4. **The Fine Arts: their Philosophy and History in Outline.** First term. Professor HAMMOND. T Th S, 10.
5. **History of Philosophy.** Throughout the year. Professor CREIGHTON. T Th S, 9.
6. **Moral Ideas and Practice.** Second term. Lectures, Professor THILLY. M W, 9. Recitations, F, 9; Professor THILLY; Dr. WRIGHT; Mr. RITTER.
7. **Ethics.** First term. Professor THILLY. M W F, 9.
8. **The Renaissance.** Second term. Professor HAMMOND. T Th S, 10.
9. **Philosophical Ideas in Nineteenth Century Literature.** First term. Professor ALBEE. M W F, 12.
10. **Social and Political Ethics, and the Theory of the State.** Second term. Prerequisite course 1, 3, 5, 6, or 7. Professor THILLY. M W F, 11. For juniors, seniors, and graduates.
- [10a. **Philosophy of Law or Jurisprudence.** Second term. Prerequisite course 1, 3, 5, 6, or 7. Professor THILLY. For juniors, seniors, and graduates only.] Not given in 1914-15.
11. **Philosophical Results and Applications.** Throughout the year. Prerequisite at least one course in philosophy. Professor CREIGHTON. S, 12.
12. **The Theory of Evolution: its History and Significance.** Throughout the year. Dr. WRIGHT. S, 11. Primarily for undergraduates.
13. **Origin and Development of Religious Ideas.** First term. Dr. WRIGHT. T Th, 12.
14. **Psychology and Philosophy of Religion.** Second term. Dr. WRIGHT. T Th, 12.
16. **Reading of German Philosophy.** Throughout the year. Professor HAMMOND. T, 2.
17. **Sources of Ancient and Medieval Philosophy.** Second term. Professor HAMMOND. M W, 9. Primarily for graduates.
- [18. **Types of Metaphysical Theory.** First term, two hours a week. Prerequisite course 1 or 5. Professor CREIGHTON.] Not given in 1914-15.
19. **The Development of Modern Philosophical Problems.** First term, two hours a week. Prerequisite course 1, 3, 5, 7, 17, 20, or 21. Professor CREIGHTON.]
20. **History of Ethics, Ancient, Medieval, and Renaissance.** First term. Professor HAMMOND. M W, 11. Primarily for seniors and graduates.
21. **History of Modern Ethics.** Second term. Professor ALBEE. M W, 11. Primarily for graduates.

- [26. **Advanced Ethics.** Throughout the year, three hours a week. Professor THILLY. Primarily for graduates.] Not given in 1914-15.
27. **The Republic of Plato.** Throughout the year, three hours a week. Professor HAMMOND. Reading of the Greek text. Not given in 1914-15.
- [28. **Aristotle's Ethics.** Throughout the year, three hours a week. Professor HAMMOND. Reading of the Greek text.] Not given in 1914-15.
29. **Modern Idealistic Theories of Ethics.** Throughout the year. Professor THILLY. M W F, 10. Primarily for graduates.
30. **Empiricism and Rationalism.** First term. Professor ALBEE. T Th S, 11. Primarily for graduates.
31. **The Critical Philosophy of Kant.** Second term. Professor ALBEE. T Th S, 11. Primarily for graduates.
32. **Early Rationalism: Spinoza and Leibniz.** Second term. Professor ALBEE. M W, 12. Primarily for graduates.
- [33. **German Pessimism with Special Reference to Schopenhauer.** Second term, two hours. Professor ALBEE. Primarily for graduates.] Not given in 1914-15.
34. **Problems and Methods in Recent Philosophy.** Throughout the year. Professor ALBEE. T Th, 12. Primarily for graduates.
- [35. **Logical Theory.** Throughout the year, two hours a week. Professor ALBEE. Primarily for graduates.] Not given in 1914-15.
37. **Seminary in Ethics.** Throughout the year, two hours a week. Professor THILLY.
38. **Seminary in Ancient and Medieval Philosophy.** Throughout the year. Professor HAMMOND. W, 3-5.
40. **Seminary in Logic and Metaphysics.** T, 3-5. Professor CREIGHTON and Dr. WRIGHT.

PSYCHOLOGY

1. **Elementary Psychology.** First term. Professor TITCHENER, Assistant Professor WELD, Dr. FOSTER, Mr. BORING, and Mr. BISHOP. Lectures, T Th, 11; class room work, S, 10, 11, or 12. Not open to juniors or seniors.
- 1a. **Elementary Psychology.** First term. Dr. FOSTER and Mr. BISHOP. Lectures, T Th S, 12. Open to juniors and seniors.
2. **General Psychology: Problems and Points of View.** Second term. Prerequisite course 1 or 1a. Assistant Professor WELD. T Th S, 11.
3. **Experimental Psychology: Qualitative.** First or second term, credit three hours. Prerequisite course 1 or 1a. Assistant Professor WELD, Dr. FOSTER, Mr. BORING, and Mr. BISHOP. M W F, 2-4.
4. **Experimental Psychology: Quantitative.** First or second term, credit three hours. Prerequisite courses 1 or 1a, and 3. Assistant Professor WELD, Dr. FOSTER, Mr. BORING, and Mr. BISHOP. M W F, 2-4.
5. **Systematic Psychology: Sensation, Image.** First term. Prerequisite courses 1 or 1a, and 2 or 3. Assistant Professor WELD, and Mr. BORING. M W F, 9.
6. **Systematic Psychology: Feeling, Attention, Action.** Second term. Prerequisite courses 1 or 1a, and 2 or 3. Dr. FOSTER, Mr. BORING, and Mr. BISHOP. M W F, 9.
- [5a. **Systematic Psychology: Perception and Idea.** First term, three hours a week.] Not given in 1914-15.
- [6a. **Systematic Psychology: Memory, Imagination, and Thought; Emotion and Volition.** Second term, three hours a week.] Not given in 1914-15.
7. **Reading of German Psychology.** First term, one hour a week. Assistant Professor WELD.
8. **Reading of French Psychology.** Second term, one hour a week. Dr. FOSTER.
9. **Psychological Problems.** Throughout the year, credit one to five hours a term. (a) Assistant Professor WELD. Prerequisite course 3, and 5 or 6. (b) Dr. FOSTER and Mr. BORING.

THE SCIENCE AND ART OF EDUCATION

- Course 1 in Psychology is prerequisite to all courses in Education.
1. **Educational Psychology.** Second term. Assistant Professor FRASER. M W F, 2.
2. **Principles of Education.** Second term. Prerequisite course 1. Dr. WRIGHT and Dr. THORNE. M W F, 2.
3. **History of Education.** First term. Prerequisite course 1. Dr. WRIGHT and Dr. THORNE. M W F, 2.
4. **School Hygiene.** First term. Assistant Professor FRASER. M W, 2.
10. **Psychology of the High School Period.** First term. Prerequisite course 1. Assistant Professor FRASER. M, 3-5.
12. **The Teaching of High School Science and Mathematics.** Second term. Assistant Professor FRASER. T, 3-5.
13. **Teaching of Language.** See Greek 21.

20. **The Education of Exceptional Children.** Second term. Assistant Professor FRASER. M, 3-5.
21. **Mental Tests.** First term. Prerequisite courses Psychology 3 or 4, Education 1. Assistant Professor FRASER. T, 2-5.
22. **Seminary for Experimental Investigation.** Prerequisite course 4 or 21. Assistant Professor FRASER.
23. **Reading of German Educational Psychology.** First term, credit two hours. Assistant Professor FRASER.
24. **Seminary in Education.** One or two hours a week. Sec. A, Assistant Professor FRASER; Sec. B, Professor CREIGHTON.

HISTORY

- A. **The History of Civilization.** Throughout the year, F, 12. Professors SCHMIDT, SILL, and BURR, and others.
1. **Roman History.** First term. Professor SILL. M W F, 11.
 2. **Roman History.** Second term. Professor SILL. M W F, 11.
 3. **Greek History.** First term, two hours a week. Professor SILL.] Not given in 1914-15.
 4. **Alexander's Empire and the Hellenistic Age.** Second term. Professor SILL. T Th, 11.
 5. **History of Law.** First term, three hours a week. Professor SILL.] Not given in 1914-15.
 6. **The Roman Law of Property and Obligations.** Second term. Professor SILL. M W F, 9.
 7. **Topics in Roman Law.** First term, two hours a week. Professor SILL.
 8. **Seminary in Greek and Roman History.** Second term, two hours a week. Professor SILL.
 11. **The Middle Ages.** First term. Professor BURR. M T W Th F, 3.
 - 11a. **Christendom during the Middle Ages.** The Wednesday lectures of course 11. First term, no credit (unless the course is taken as part of course 11). Professor BURR.
 12. **The Renaissance and the Reformation.** Second term. Professor BURR. M T W Th F, 3.
 - 12a. **Lectures on the Renaissance and the Reformation.** The Wednesday lectures of course 12. Second term, no credit (unless the course is taken as part of course 12, or in combination with 12b or 12c). Professor BURR.
 - 12b. **Germany and Italy during the Renaissance and the Reformation.** Second term. Professor BURR. M F, 3.
 - 12c. **France during the Renaissance and the Reformation.** Second term. Professor BURR. T Th, 3.
 13. **The Rise of Tolerance.** Second term. Professor BURR. S, 10.
 14. **Medieval Life.** First term. Professor BURR. S, 11.] Not given in 1914-15.
 15. **Seminary in Medieval History.** Second term, one hour a week. Professor BURR.] Not given in 1914-15.
 16. **Canon Law.** First term. Professor BURR. S, 10-12. Primarily for graduates.
 22. **European History, 1814-1914.** Throughout the year. Professor SILL. M W F, 9.
 31. **English History to 1509.** First term. Professor LUNT. T Th, 10, and an hour for recitation.
 32. **English History, 1509 to 1915.** Second term. Prerequisite course 32. Professor LUNT. T Th, 10, and an hour for recitation.
 33. **English Constitutional History to the Sixteenth Century.** Second term. Prerequisite course 31. Professor LUNT. T Th, 9, and an hour for recitation.
 34. **English History during the Tudor Period.** First term. Professor LUNT. T Th S, 11.
 35. **English History during the Stuart Period.** Second term. Professor LUNT. T Th S, 11.
 36. **English History during the Eighteenth Century.** First term, three hours a week. Professor LUNT.] Not given in 1914-15.
 37. **English History since the Eighteenth Century.** Second term, three hours a week. Professor LUNT.] Not given in 1914-15.
 40. **Selected Topics in the History of England during the Thirteenth and Fourteenth Centuries.** First term, two hours a week. Professor LUNT. Open to graduates and to qualified undergraduates.] Not given in 1914-15.
 50. **American History to 1783.** Second term. Professor HULL. M W F, 10.
 51. **The Origin of State and Local Governments, to 1780.** First term. Prerequisite course 52. Professor HULL. T Th, 11.
 52. **American History, 1783 to 1846.** First term. Professor HULL. M W F, 10.
 53. **American History, 1846 to 1898.** Second term. Professor BREITZ. M W F, 10.
 54. **Economic History of the Colonies, 1600 to 1788.** First term. Professor HULL. T Th S, 9.

55. **Economic History of the United States, 1789 to 1890.** Second term. Professor HULL. T Th S, 9.
56. **Constitutional History of the United States since 1860.** First term. Prerequisite courses 52 and 53. Professor BRETZ. M W F, 9.
57. **The Period of the Civil War.** First term. Prerequisite course 53. Professor BRETZ. M W F, 10.
58. **Constitutional History of the United States to 1860.** Second term. Prerequisite courses 52 and 53. Professor HULL. T Th, 11.
59. **American Social History: The Settlement of the Middle West.** Second term. Professor BRETZ. M W F, 9. For upperclassmen and graduates.
60. **Seminary.** Throughout the year, two hours a week. Professors HULL and BRETZ.
- [71. **The Sciences Auxiliary to History.** Second term. Professor BURR. S, 8. Not open to underclassmen.] Not given in 1914-15.
72. **Historical Geography.** Throughout the year. Professor BURR. S, 12. Not open to underclassmen.
73. **Paleography and Diplomatics.** Second term. Professor BURR. S, 11.
75. **Historical Method.** First term. Professor BURR. S, 9. Open only to seniors and graduates.
76. **The Teaching of History.** Second term. S, 8-10. Library. Professor BURR with aid from his colleagues. Open only to seniors and graduates.
77. **Introduction to the Literature of History.** Professors SCHMIDT, SILL, BURR, LUNT, HULL, BRETZ. For graduates only.

POLITICAL SCIENCE

51. **Elementary Economics.** Throughout the year, three hours a week. Lectures, M, 9; repeated M, 11; Professor WILLCOX. Two recitations a week, nineteen sections; Assistant Professors BLAKEY and USHER.
52. **Elements of Economics.** Throughout the year, two hours a week. Assistant Professor TURNER. Lectures M, 9 repeated T, 9. Recitations to be arranged.
A special course for seniors in mechanical engineering.
- 53a. **American Government.** First term. Assistant Professor SABY. M W, 10, and a recitation hour.
- 53b. **Comparative Politics.** Second term. Assistant Professor SABY. M W, 10, and a recitation hour.
- 54a. **Municipal Administration.** First term. Prerequisite course 53a. Assistant Professor SABY. M W F, 8.
- 54b. **State Administration.** Second term. Prerequisite course 53a. Professor ORTH. M W F, 11.
- [55a. **Elementary Social Science.** First term, three hours a week. Course 51 should precede or be taken with this course. Professor WILLCOX.] Not given in 1914-15.
- [55b. **Elementary Social Science.** Second term, three hours a week. A continuation of the preceding course. Professor WILLCOX.] Not given in 1914-15.
- 56a. **Elements of Business Law.** First term. Professor ORTH. T Th, 11.
- 56b. **Government Control of Industry.** Second term. Prerequisite course 56a. Professor ORTH. T Th, 11.
- 57a. **Lectures on Citizenship.** Second term. M W, 12. The course is under the general charge of Professor WILLCOX.
A lecture each Wednesday by a non-resident lecturer and each Monday by a member of the Department. The course has been arranged by a committee of Alumni who are actively engaged in civic and social work and who are co-operating in this way with the department.
58. **Accounting.** Throughout the year, credit four hours first term, three hours second term. Courses 51 and 56a must precede or accompany this course. Acting Assistant Professor ENGLISH.
59. **Financial History of the United States.** Second term. Prerequisite course 51. Assistant Professor BLAKEY. T Th, 11.
60. **The American Party System.** First term. Prerequisite 53a. Professor ORTH. T Th, 12.
- [61. **Jurisprudence.** Second term, three hours a week. Prerequisite 53a. Professor ORTH.
This course alternates with 78b.] Not given in 1914-15.
62. **Business Management.** Repeated in second term, credit one hour. Prerequisite courses 51 and 58; or 58 may be taken at the same time. Professor KIMBALL. T Th, 12. For seniors and graduates.
63. **Corporations and Trusts.** First term. Prerequisite course 51. Professor YOUNG. T Th S, 11.
64. **Money and Banking.** Throughout the year. Prerequisite course 51. Professor YOUNG. T Th S, 10.
- 65a. **The Industrial Revolution in England, 1700 to 1850.** First term. Assistant Professor USHER.

- 65b. **Social and Economic Problems of the 19th Century in England.** Second term. Assistant Professor USHER. M W F, 12.
- 66a. **The Labor Problem.** First term. Prerequisite course 51. Professor JOHNSON. T Th S, 11.
- 66b. **Socialism.** Second term. Prerequisite course 51. Professor JOHNSON. T, Th, S, 11.
67. **Problems in Market Distribution.** Throughout the year. W F, 11. Assistant Professor TURNER.
68. **Railway Transportation.** Second term. Prerequisite course 51. Professor YOUNG. T Th S, 11.
70. **Public Finance.** Throughout the year. Prerequisite course 51. Assistant Professor BLAKEY. T Th S, 12.
71. **Investments.** Second term. Prerequisite course 51. Acting Assistant Professor ENGLISH. T Th, 9.
- [73. **Insurance.** Second term, three hours a week. Prerequisite course 51. Assistant Professor BAUER.] Not given in 1914-15.
- 76a. **Elementary Statistics.** First term. Prerequisite course 51. Professor WILLCOX. T Th S, 9.
- 76b. **Economic Statistics.** Second term. Prerequisite course 51. Professor WILLCOX. T Th S, 9.
- 78a. **International Law and Diplomacy.** First term. President SCHURMAN and Assistant Professor SABY. M W F, 12. Open to juniors and seniors in Arts and Sciences, to students in Law, and to approved upperclassmen in other colleges.
- 78b. **Constitutional Government.** Second term. Prerequisite course 53a. Professor ORTH. T Th, 12.
- [79a. **History of Political Thought.** First term, two hours a week. Assistant Professor SABY.] Not given in 1914-15.
- 79b. **Modern Political Thought.** Second term. Assistant Professor SABY. T Th S, 10.
- [80. **The History of Protection and of Free Trade in Europe since 1660.** First term, three hours a week. Prerequisite course 51. Assistant Professor USHER.] Not given in 1914-15.
- [81. **The History of Price Making and the Growth of Produce Exchanges.** Second term, three hours a week. Prerequisite course 51. Assistant Professor USHER.] Not given in 1914-15.
- [82. **Public Utilities; Problems of Accounting, Valuation and Control.** Second term, three hours a week. Assistant Professor BAUER. Open to graduates and by permission to especially qualified seniors.] Not given in 1914-15.
87. **The History of Economic Theory.** Throughout the year. Professor JOHNSON. T Th S, 9.
88. **Value and Distribution.** Throughout the year, two hours a week. Professor JOHNSON. Th, 2.30. Students registering for this course should have a reading knowledge of German and French.
90. **Research in Statistics.** Throughout the year. Professor WILLCOX.
92. **Research in Finance.** Throughout the year, two or three hours a week. Professor YOUNG.
93. **Research in Accounting.** Throughout the year, three hours a week. Prerequisite course 58. Acting Assistant Professor ENGLISH.
94. **Research in Politics.** Throughout the year, one to three hours a week. Professor ORTH.
95. **Seminary in Political Science and Public Law.** Throughout the year, two hours a week. Professor ORTH.
99. **General Seminary.** Throughout the year, two hours a week. Conducted by members of the department. Open only to graduate students.

BIBLIOGRAPHY

1. **Introductory Course.** First term. Assistant Librarian AUSTEN. T Th, 12.
- 1a. **Laboratory Work.** Second term. Prerequisite course 1. Assistant Librarian AUSTEN. Th, 4.
2. **General Bibliography.** Second term. Librarian HARRIS. T Th, 12.

MUSIC

1. **Elementary.** Throughout the year, two hours a week. Professor DANN.
3. **Intermediate.** Throughout the year, two hours a week. Prerequisite course 1. Professor DANN.
5. **Choral.** Throughout the year, one hour a week. Professor DANN.
7. **Advanced Choral.** Throughout the year, two hours a week. Professor DANN.
10. **Harmony.** Throughout the year. Prerequisite course 3. Mr. QUARLES. T Th, 3.30.
12. **Advanced Harmony and Composition.** Throughout the year, prerequisite course 10. Mr. QUARLES. T Th, 2.30.
14. **Appreciation of Music.** Throughout the year, one hour a week. Mr. QUARLES. M W 3.30.

MATHEMATICS

1. **Solid Geometry.** Repeated in second term. T Th S, 11.
2. **Advanced Algebra.** Repeated in second term. Daily exc. S, 9.
3. **Plane Trigonometry.** Repeated in second term. M W F, 11.
4. **Algebra, Trigonometry, and Analytic Geometry.** a. From October 20th (approximately) to the end of the first term, credit five hours. Daily 11. Selected topics of algebra and plane trigonometry. For students who fail in the first part of course 5a, or 6a below. b. Second term. Analytic geometry and a brief introduction to differential calculus. Credit six hours. Sec. 1, daily, 9. Sec. 2, daily, 11.
5. **Analytic Geometry and Calculus.** For students in the College of Civil Engineering. Prerequisite courses 1, 2, and 3. First term, daily except Saturday; second term, daily.
6. **Analytic Geometry and Calculus.** For students in Sibley College. Prerequisite courses 1, 2, and 3, or their equivalent. Credit six hours each term.
7. **Analytic Geometry and Calculus.** Throughout the year. Prerequisite courses 1, 2, and 3, or their equivalent. Daily except S, 10. For students intending to specialize in physics or chemistry.
8. **Analytic Geometry and Calculus.** For students in the College of Architecture. Throughout the year, three hours a week. Prerequisite courses 1, 2, and 3.
9. **Descriptive Geometry.** First term, three hours a week. Professor SNYDER. Prerequisite course 7.
10. **Teachers' Course.** Throughout the year, three hours a week. Prerequisite course 7.] Not given in 1914-15.
13. **Modern Algebra.** Second term, three hours a week. Professor SNYDER. Prerequisite course 7.
21. **Elementary Differential Equations.** Throughout the year. Prerequisite course 7. Mr. BURGESS. T Th, 9.
22. **Advanced Calculus.** Throughout the year, three hours a week. Prerequisite course 7. Dr. MCKELVEY.
24. **Infinite Series.** Second term, three hours a week. Dr. SILVERMAN.
25. **Theory of Functions of a Complex Variable.** Throughout the year, three hours a week. Dr. SLEPIAN.
26. **Elliptic Functions.** Second term, two hours a week. Prerequisite course 7. Professor HUTCHINSON.
27. **Differential Equations of Mathematical Physics.** Throughout the year, three hours a week. Dr. HURWITZ.
28. **Calculus of Variations.** Throughout the year, two hours a week. Assistant Professor GILLESPIE.
31. **Projective Geometry.** Throughout the year. Prerequisite course 8. Assistant Professor CARVER. M W F, 9.
39. **Line Geometry.** First term, three hours a week. Assistant Professor RANUM.
43. **Theory of Probabilities.** Throughout the year, two hours a week. Professor McMAHON.
44. **Mechanics.** Throughout the year, three hours a week. Dr. OWENS.
46. **Potential Functions; Spherical Harmonics. Fourier's Series.** Throughout the year, two hours a week. Assistant Professor SHARPE.

ASTRONOMY

1. **General Astronomy.** First term. Assistant Professor LELAND. M W F, 11.
2. **Observations.** Second term, one hour a week. Prerequisite course 1. Assistant Professor LELAND.

PHYSICS

2. **Introductory Experimental Physics.** Repeated in second term. Three lectures and two class-room periods each week. Lectures: T Th S, 9; M W F, 11: Professors NICHOLS, MERRITT, and SHEARER, and Assistant Professor GIBBS. Class-room work: Assistant Professor GIBBS, and Messrs. HOWES, MALLORY, RODGERS, SWISHER, THOMPSON, and WEEKS.
3. **Introductory Experimental Physics.** Repeated in second term. Three lectures and three class-room periods each week. Lectures: T Th S, 9; M W F, 11: Professors NICHOLS, MERRITT, and SHEARER, and Assistant Professor GIBBS. Class-room work: Assistant Professor GIBBS, and Messrs. BUCKLEY, HOWES, MALLORY, SWISHER, THOMPSON, and WEEKS.
- 4b. **General Physics.** Class-room work. Second term. Prerequisite course 2 or 3. Assistant Professor GIBBS. M W F, 8.
5. **Introductory Physics.** Class-room work. First term, two hours a week. Open only to students repeating the course. Assistant Professor GIBBS.
6. **Introductory Physics.** Class-room work. First term, four hours a week. Prerequisite course 2 or course 3.
7. **Introductory Physics.** Class-room work, three hours a week. Prerequisite course 2 or course 3.

8. **General Physics.** Theory. Repeated in second term, two hours a week. Prerequisite, Physics 3 (or 1 and 5), and Mathematics 6. Messrs. BROWN, GIBSON, KING, MAYER, and POWER.
9. **General Physics.** Theory. Repeated in second term, two hours a week. Prerequisite course 8 and the first term of 14. Instructing staff as in course 8.
10. **Introductory Physical Experiments.** Either term or throughout the year, credit one to four hours a term. May be elected by students who are taking or have completed 2 or 3 or 6 or 7. Assistant Professor BLAKER, and Messrs. MAYER, GIBSON, and POWER.
14. **Physical Experiments.** Either term or throughout the year, credit one to eight hours a term. Prerequisite courses 2 and 7, or 2 and three hours of 10. May be taken by students who are taking courses 8 and 9. Assistant Professors RICHTMYER, and Messrs. BROWN, GIBSON, KING, MAYER, PIDGEON, POWER, and ROBINSON.
15. **Photometry and Illumination.** Laboratory work, first term, credit one to four hours. Prerequisite course 14. Assistant Professor RICHTMYER.
17. **Practice Course for Teachers.** Second term, credit three hours. Prerequisite, Physics 2, and two hours of 10, or the equivalent. Assistant Professor GIBBS.] Not given in 1914-15.
18. **Theory and Practice of Photography.** Repeated in second term. Credit two hours. Prerequisite Chemistry 1 and Physics 1. Professor MOLER and Miss SEVERANCE. Lecture, T, 4, and one three-hour laboratory period weekly.
19. **Advanced Photography,** with special reference to its application to research. Repeated in second term, credit two hours. Prerequisite courses 1, 10 or 14, and 18. Professor MOLER.
20. **Heat.** First term, credit five hours. Prerequisite courses 2, 7, and four hours of 10. Assistant Professor BLAKER.] Not given in 1914-15.
21. **Light.** Second term. Prerequisite courses 2, 7, and four hours of 10. Assistant Professor BLAKER. M W F, 10.
22. **Electricity and Magnetism.** Second term, credit five hours. Prerequisite courses 1, 6, and 10. Assistant Professor BLAKER.] Not given in 1914-15.
23. **Properties of Matter.** First term. Prerequisite courses 2, 7, and four hours of 10. Assistant Professor BLAKER. M T W Th F, 10.
24. **Sound.** Second term. Prerequisite courses 2, 7, and four hours of 10. Assistant Professor BLAKER. T Th, 10.
25. **Advanced Laboratory Practice.** Either term or throughout the year. Credit one to three hours a term. Prerequisite courses 2 and 7, or 10, and at least four hours of 14. Assistant Professor BLAKER.
27. **Advanced Photometry and Illumination.** Repeated in second term, and throughout the year. Credit, two to six hours a term. Prerequisite course 15. Assistant Professor RICHTMYER.
28. **Spectrophotometry.** Repeated in second term, credit two to four hours. Prerequisite course 14. Assistant Professor RICHTMYER.
33. **Alternating Cuernrnts.** First term. Prerequisite courses 1, 6, or 10 and 14. Professor BEDELL. T Th, 11.
34. **Electrical Laboratory.** Either term or throughout the year, hours as arranged. Prerequisite courses 1, 6 or 10, and 14. Professor BEDELL and Mr. BOWN.
35. **Advanced Electrical Laboratory.** Either term or throughout the year, hours as arranged. Prerequisite courses 1, 6 or 10, and 14. Professor BEDELL and Mr. BOWN.
36. **Advanced Alternating Currents.** Throughout the year, credit one or more hours a term. Prerequisite courses 1, 6 or 10, 14, 33. Professor BEDELL.
37. **Theses in Applied Electricity.** Second term, or throughout the year, credit two to eight hours a term. Prerequisite courses 1, 6 or 10, and 14. Professor BEDELL.
39. **Design and Construction of Apparatus for Research.** First term, credit two hours. Professor MOLER.
40. **Recent Advances in Experimental Physics.** Throughout the year. Professor MERRITT. F, 12.
- 40a. **Electric Waves and Oscillations.** Second term, credit two to four hours. Laboratory work. Prerequisite one term of course 40. Professor MERRITT.
41. **Fluorescence and Phosphorescence.** First term, credit one hour. Prerequisite courses 1, 6 or 10, and 14. Professor NICHOLS.
42. **History of Physics in the 19th Century.** Second term. Prerequisite course 1. Professor NICHOLS. S, 12.
43. **Photometry and the Physics of Illumination.** First term, credit two hours. Prerequisite courses 1, 6 or 10, and 14. Professor NICHOLS.] Not given in 1914-15.
44. **X-Ray Photography.** Second term, credit two hours. Prerequisite Physics 1, 10, and a knowledge of ordinary photography. Professor SHEARER.
50. **Physics Seminary.** Throughout the year, two hours a week. Professor NICHOLS.
51. **Theoretical Physics.** Mechanics and Thermodynamics. Throughout the year, four hours a week. Professor MERRITT. Primarily for graduates.] Not given in 1914-15.
52. **Theoretical Physics.** Electricity and Magnetism. Throughout the year, four hours a week. Professor MERRITT. Primarily for graduates.
54. **Thermodynamics.** Throughout the year, two or three hours a week. Prerequisite courses 1, 6 or 10, and 14, and Mathematics 1. Physics 20 is advised as a preliminary course. Professor TREVOR.

CHEMISTRY

1. **Introductory Inorganic Chemistry.** Repeated in second term, credit six hours.

1a. Lectures. First term, M W F, 11, Professor DENNIS and Mr. DAVIS; M W F, 12, Professor BROWNE and Mr. DAVIS. Second term, M W F, 11, M W F, 12, Professor BROWNE and Mr. DAVIS.

1b. One recitation and two laboratory periods each week. Professors DENNIS and BROWNE, Dr. WELSH, and Messrs. OVERMAN, SCHNEDEKER, KIRK, POLLARD, CRAGWALL, and TRESSLER.

ANALYTICAL CHEMISTRY

6. **Qualitative and Quantitative Analysis.** Repeated in second term, credit five hours. Prerequisite course 1. Dr. LEMON, and Messrs. RAY, ELLEY, SMITH, DAVIS, BOHALL, MOODY, and THURSTON. Two lectures and three laboratory periods each week.

7. **Qualitative Analysis.** Repeated in second term, credit six hours. Prerequisite course 1. Dr. LEMON, and Messrs. ELLEY and SMITH. Lectures: T Th, 9. Laboratory: first term, M W, 2-5, S, 8-12; second term, T Th, 2-5, S, 8-12.

9. **Advanced Qualitative Analysis.** Repeated in second term, credit one, two, or three hours. Prerequisite courses 7, 12, and 30. Dr. LEMON.

12. **Quantitative Analysis, Elementary Course.** Repeated in second term, credit six hours. Prerequisite course 6 (or preferably 7). Assistant Professor LUNDELL and Messrs. COOLEY, KOLLER and KNAPP. Two lectures weekly and laboratory.

14. **Quantitative Analysis, Advanced Course.** Repeated in second term. Credit one to four hours. Prerequisite course 6 (or 7 and 12). Assistant Professor LUNDELL, and Messrs. O'BRIEN, KOLLER, KNAPP, and COOLEY.

15. **Quantitative Analysis, Advanced Lectures.** First term. Prerequisite course 6 (or 7 and 12). Assistant Professor LUNDELL. M W, 10.

16. **Electrochemical Analysis.** Repeated in second term, credit one to three hours. Prerequisite course 6 (or 7 and 12). Assistant Professor LUNDELL and Mr. O'BRIEN.

17. **Optico-chemical Methods.** Second term, credit three hours. Prerequisite course 6 (or 7 and 12); Physics 2 and 6. Assistant Professor ANDERSON and Messrs. ENGELDER and NETZEN. Lectures, T Th, 9. Laboratory sections, M T W Th F, 2-5; T F, 10-1.

18. **Assaying.** First term, credit three hours. Prerequisite course 6 (or 7 and 12), and if possible a course in mineralogy. Assistant Professor LUNDELL and Mr. KOLLER. Lecture F, 10. Laboratory, M W, 2-5.

19. **Qualitative and Quantitative Gas Analysis.** Lectures. Repeated second term, two hours a week. Prerequisite course 6 (or 7), and Physics 2. Assistant Professor ANDERSON.

20. **Technical Gas Analysis.** Laboratory. Repeated second term, credit two hours. Prerequisite course 6 (or 7) and Physics 2. Open to those who are taking course 19. Assistant Professor ANDERSON, and Messrs. ENGELDER, and NETZEN.

21. **Gas Analysis.** Advanced course. Repeated in second term, credit one to four hours. Prerequisite courses 1, 6, (or 7 and 12), 19, and 20; Physics 2, and 5 or 6. Assistant Professor ANDERSON. For seniors and graduate students.

ORGANIC CHEMISTRY

30. **Organic Chemistry.** Throughout the year, credit six hours a term. Prerequisite course 6 (or 7 and 12). Open to those who are taking course 12. Professor ORNDORFF, Mr. MAHOOD, and Messrs. ROSE, KENNEDY, SHERWOOD, and FREDRIKSEN. Lectures and written reviews, M W F, 9. Two laboratory sections of four and one-half hours each.

31. **Organic Chemistry.** Throughout the year. Prerequisite course 6 (or 7 and 12). Open to those who are taking course 12. Professor ORNDORFF and Messrs. KENNEDY and SHERWOOD. M W F, 9. This course consists of the lectures and written reviews of course 30.

32. **Elementary Organic Chemistry.** First term, credit four hours. Prerequisite course 6 (or 7 and 12). Open to those who are taking course 12. Mr. MAHOOD and Messrs. ROSE, and FREDRIKSEN. Lectures and oral and written reviews, M W F, 12, and laboratory.

33. **Special Chapters in Organic Chemistry.** Throughout the year. Prerequisite course 30. Professor ORNDORFF. T Th, 9.

34. **Advanced Organic Chemistry.** Laboratory practice. Throughout the year, credit two to six hours a term. Open to those who have had course 30 and are taking 33. Professor ORNDORFF, Mr. MAHOOD, and Messrs. ROSE, KENNEDY, and SHERWOOD.

[35. **The Coal Tar Dyestuffs.** First term, credit one hour. Open to those who have had course 30 and have had or are taking 33. Professor ORNDORFF.] Not given in 1914-15.

36. **Stereochemistry.** Second term, credit one hour. Prerequisite course 30 or 31. Professor ORNDORFF.

37. **Methods of Organic Analysis.** Throughout the year, credit two to six hours a term. Prerequisite course 30. Professor ORNDORFF and Mr. MAHOOD.

INORGANIC CHEMISTRY

[46. **Inorganic Chemistry.** Advanced course. Throughout the year, credit two hours a term. Prerequisite course 30, and open to those who have completed or are taking courses 50 and 51. Professor DENNIS.] Not given in 1914-15.

47. **Advanced Inorganic Chemistry.** Laboratory Practice. Either term, credit two, three or four hours. Prerequisite course 30. Professors DENNIS and BROWNE and Mr. BRIDGMAN.
48. **Selected Topics in Advanced Inorganic Chemistry.** Lectures. Throughout the year. Prerequisite course 30. Courses 50 and 51 should precede or accompany this course. First term, Professor BROWNE. Second term, Dr. WELSH. T Th, 11. Open to seniors and graduate students in chemistry; to others only by special permission.
49. **Chemistry of Gases.** First term. Prerequisite course 6 (or 7 and 12), and should be preceded or accompanied by 19 and 20. Dr. ANDERSON. F, 11.

PHYSICAL CHEMISTRY

50. **Introductory Physical Chemistry.** Throughout the year. Prerequisite course 30, and Physics 2, 6, and 10. Assistant Professor BENNETT and Messrs. BENNETT and BLUE. M W F, 9.
51. **Physical Chemistry Laboratory.** Throughout the year, credit three hours a term. Open only to those who have taken or are taking course 50. Assistant Professor BENNETT and Messrs. BENNETT and BLUE. Two laboratory periods a week.
- [52. **Advanced Physical Chemistry.** Lectures. Throughout the year. Prerequisite course 50. Professor BANCROFT. M W F, 10.] Not given in 1914-15.
53. **Colloid Chemistry.** Lectures. Throughout the year. Professor BANCROFT. T Th, 10. Open to candidates for the degree of Bachelor of Chemistry if they have taken course 50; to others only by special permission.
55. **Theoretical Electrochemistry.** Lectures. Throughout the year. Professor BANCROFT. M W F, 10.
- 56a. **Applied Electrochemistry.** Lectures. Throughout the year. Prerequisite course 6 (or 7 and 12). Assistant Professor BENNETT and Mr. MACK. M W, 12.
- 56b. **Applied Electrochemistry.** Throughout the year, credit two hours a term. Open to those who have had 50 and 51, and have taken or are taking 56a. Assistant Professor BENNETT and Mr. MACK. Laboratory practice.
57. **Advanced Laboratory Practice.** Either term or throughout the year. Credit one to six hours a term. Prerequisite courses determined in each case by the professor in charge. Professor BANCROFT, Assistant Professor BENNETT, and Messrs. MACK, BENNETT, and BLUE.

MICROCHEMISTRY AND MICROCHEMICAL ANALYSIS

65. **Microchemical Methods.** Either term, credit two hours. Prerequisite course 6 (or 7 and 12). Professor CHAMOT and Mr. COLE.
66. **Microchemical Analysis.** Either term, credit three or more hours. Prerequisite course 65. Professor CHAMOT and Mr. COLE.
67. **Microchemical Analysis.** Either term, credit two or more hours. Prerequisite course 66. Professor CHAMOT.
68. **Microscopy of Metals and Alloys.** Second term, credit two hours. Prerequisite courses 50 and 65. Professors CHAMOT and COLE.

SANITARY CHEMISTRY

69. **Elementary Sanitary Chemistry.** Throughout the year, credit five hours a term. Prerequisite course 6 (or 7 and 12), and course 32 (or 30, or 31). Professor CHAMOT, Dr. REDFIELD and Mr. GEORGIA. Lectures, M W, 11; recitations at hours to be assigned.
70. **Special Topics in Food Examination.** First term. Prerequisite course 69. Dr. REDFIELD. T Th, 12.
72. **Microscopical Examination of Foods.** First term, credit two hours or more. Prerequisite course 65. Professor CHAMOT and Mr. COLE.
75. **Special Topics in Water Examination.** Second term. Prerequisite course 69. Professor CHAMOT. T Th, 12.
78. **Advanced Sanitary Chemistry.** Throughout the year, credit two or more hours a term. Prerequisite course 69. Professor CHAMOT and Dr. REDFIELD.
80. **Toxicology.** First term, credit two hours. Prerequisite course 30. Professor CHAMOT.

AGRICULTURAL CHEMISTRY

85. **Agricultural Chemistry.** Either term, credit four hours. Prerequisite course 1. Professor CAVANAUGH and Messrs. RICE and FLYNN. Lectures, T Th S, 11. One recitation a week.
- 85a. **Agricultural Chemistry, Laboratory Course.** Repeated in second term, credit two hours. Prerequisite courses 1, 6, 85. Professor CAVANAUGH and Mr. RICE. Designed to accompany course 85.
86. **Agricultural Chemistry, Advanced Course.** First term only. Prerequisite course 85a. Assistant Professor CROSS. T Th, 9.
87. **Agricultural Chemistry, Laboratory Course.** First term, credit three hours. Assistant Professor CROSS and Mr. RICE. Designed to accompany course 86.
88. **Agricultural Chemistry, Laboratory Course.** Second term, credit three hours. Assistant Professor CROSS and Mr. RICE. Designed to accompany course 89.

89. **Agricultural Chemistry, Advanced Course.** Second term. Prerequisite course 85a or 93. Assistant Professor CROSS. T Th, 9.
90. **Advanced Agricultural Analysis.** Either term. Prerequisite courses 86 and 87, or 88 and 89. Professor CAVANAUGH or Assistant Professor CROSS.
92. **Household Chemistry.** Second term. Prerequisite courses 1, 6, 32. Professor CAVANAUGH. W F, 9.
93. **Household Chemistry, Laboratory Course.** Second term, credit three hours. Professor CAVANAUGH and Mr. RICE.
95. **Seminary.** For seniors who are candidates for the degree B. Chem. One hour a week.
96. **Research for Undergraduate Students.** Throughout the year. Seniors who are candidates for the degree B. Chem. are required to elect four hours a term in research, under the direction of some member of the staff of instruction.

BOTANY

1. **General Comparative Morphology of Plants.** First term, credit three hours. Professor ATKINSON, Dr. OTIS, and assistants. Lecture, M, 11, and laboratory.
2. **Elementary Plant Physiology.** Second term, credit three hours. Professor ATKINSON, Dr. OTIS, and assistants. Lecture, M or W, 10, and laboratory.
3. **Special Morphology, Taxonomy, and Ecology of the Higher Plants.** Second term, credit three hours. Professor ROWLEE and Mr. ZINSSMEISTER. Lecture, M, 11, and laboratory.
4. **Geographical Botany.** Second term, credit two hours. Professor ROWLEE. Lectures S, 9, 1, and laboratory exercises and excursions.
5. **Organography and Identification of the Higher Plants.** First term, credit three hours. Prerequisite course 3. Professor ROWLEE. Mr. Lectures, S, 9, and laboratory and field work.
7. **Taxonomy and Phylogeny of Angiosperms.** Second term, credit three hours. Professor ROWLEE. Lectures, Th, 9, and laboratory.
- 8a. **Plant Cytology.** First term, credit three hours. Prerequisite courses 1 and 2. Professor ROWLEE and Mr. ZINSSMEISTER. Lectures, F, 9, and laboratory.
- 8b. **Comparative Histology of Plants.** Second term, credit three hours. Prerequisite course 8a. Professor ROWLEE and Mr. ZINSSMEISTER. Lectures, F, 9, and laboratory.
- 9a. **Dendrology.** First term, credit four hours. Professor ROWLEE and Mr. ZINSSMEISTER. Lectures, T, 10, and laboratory and field work.
- 9b. **Xylogy.** Second term, credit four hours. Professor ROWLEE and Mr. ZINSSMEISTER. Lectures, T, 10, and laboratory and field work.
10. **Comparative Morphology and Embryology.** Throughout the year, credit three hours a term. Prerequisite courses 1 and 2 or 3. Professor ATKINSON and Dr. OTIS.
11. **Mycology.** Throughout the year, credit four hours a term. Prerequisite course 1 and either 2 or 3. Professor ATKINSON and Dr. OTIS. Lectures, T Th, 11, and laboratory.
12. **Taxonomy of the Pteridophytes, Bryophytes and Algae.** Throughout the year, credit three hours a term. Lectures, F, 11, and laboratory. Open to graduates.
13. **Research in Morphology and Embryology.** Prerequisite course 10. Professor ATKINSON and Dr. OTIS. Open to graduates. A thesis will be required.
- 14a. **General Taxonomic Survey of the Fungi.** First term or throughout the year, four hours a week. Prerequisite course 11. Professor ATKINSON. Open to graduates.
- 14b. **Research in Morphology of the Fungi.** Throughout the year, credit four hours a term. Professor ATKINSON. Open to graduates. A thesis will be required. Reports weekly.
- 14c. **Research in Plant Pathology.** Professor ATKINSON.
16. **Research in Taxonomy and Phylogeny of the Angiosperms.** Prerequisite courses 7 and 8. Professor ROWLEE. Four hours or more a week.
17. **Research in Comparative Histology and Cytology.** Prerequisite courses 8a and 8b. Professor ROWLEE. Not less than four hours a week.
18. **Seminary in Embryology, Mycology, Physiology, etc.** Professor ATKINSON. W, 5. Required of all graduates and open to undergraduates who are interested in research.
19. **Seminary in Comparative Histology and Taxonomy of the Angiosperms.** One hour a week. Professor ROWLEE. Required of all graduates and open to undergraduates who are engaged in research.

BIOLOGY, ENTOMOLOGY, LIMNOLOGY, AND NATURE STUDY

The following courses in the College of Agriculture are likewise reckoned as regular courses in the College of Arts and Sciences: courses 1, 2, 3, 4, 5, 10, 11, 12, 13, 14, 19, 20, 21, 27-32, 50, 59, 79; also course 1 in the Farm (field work only, credit one hour). See pages 121-122.

ZOOLOGY

1. **General Zoology.** First term, credit five hours. Assistant Professor REED, Dr. ALLEN and Mr. DENNY. Lectures, M W F, 10, and two laboratory periods a week.
3. **Comparative Anatomy.** Second term, credit three hours. Assistant Professor REED. M W F, 2-4.30. Prerequisite course 1 or 5.
4. **Comparative Morphology and Evolution of Vertebrates.** Second term. Assistant Professor REED. M W F, 10.
5. **Systematic Zoology and Ecology.** Throughout the year, three hours a week. Drs. WRIGHT and ALLEN and Miss MOESEL.
6. **Advanced Ornithology.** First term, three hours a week. Dr. WRIGHT. Lectures, W F, 10, and one weekly laboratory period.
7. **Herpetology.** Second term. Dr. WRIGHT. Hours as in course 6.
11. **Advanced Work and Research.** Throughout the year. Laboratory open from 8-5, daily exc. S. Assistant Professor REED, Dr. WRIGHT, and Dr. ALLEN.
12. **Economic Ornithology.** Second term, credit three hours. Dr. ALLEN. Lectures, W, 8, and one weekly laboratory period.

PHYSIOLOGY AND BIOCHEMISTRY

3. **Elementary Human Physiology.** Repeated in second term, three hours a week. First term, Professor SIMPSON and assistants. Second term, two sections: Professor SIMPSON and assistants; Assistant Professor DRESBACH and assistants.
6. **Laboratory Work in Physiology.** Repeated in second term, credit two or more hours. Professor SIMPSON, Assistant Professor DRESBACH, and assistants.
7. **Seminary.** Second term, credit one hour.
8. **Advanced Work and Research in Physiology.** Throughout the year. Professor SIMPSON, Assistant Professor DRESBACH, and assistants. Daily. In connection with this course a weekly or fortnightly seminary is held.
14. **Elementary Biochemistry.** First term. Prerequisite Chemistry 32, or the equivalent. Assistant Professor SUMNER. M W F, 12.
17. **Special Chapters in Biochemistry.** First term, one hour a week. Prerequisite course 14, or Chemistry 31. Assistant Professor SUMNER.
18. **Laboratory Work in Biochemistry.** Second term, credit three hours. Prerequisite Chemistry 32. Assistant Professor SUMNER.
20. **Advanced and Research Work in Biochemistry.** Throughout the year. Assistant Professor SUMNER. Daily, 8-6.

HISTOLOGY AND EMBRYOLOGY

1. **The Tissues; Histology and Histogenesis.** First term. Professor KINGSBURY and Assistants. Lectures, W F 11, and two laboratory periods each week.
2. **The Organs: Histology and Development.** Second term, four hours a week. Prerequisite course 1. Professor KINGSBURY and assistants.
3. **Special Histology and Technique.** First term, credit two hours. Prerequisite courses 1 and 2, or 1 and 4. Mr. KINGERY.
4. **Embryology of Vertebrates.** Second term, credit four hours. Prerequisite course 1. Lectures or recitations, Professor KINGSBURY, M, 11, W, 8. Laboratory, Mr. KINGERY, T, p. m., S, a. m. Stimson Hall.
5. **The Nervous System and Organs of Special Sense: Histology and Development.** Second term, credit two hours. Prerequisite course 1. Laboratory work with demonstrations and quizzes. Professor KINGSBURY.
7. **Advanced Histology and Embryology.** Throughout the year, credit three or more hours a term. Prerequisite courses 1, 2, 3. Laboratory work with conferences. Professor KINGSBURY and Mr. KINGERY.
8. **Seminary.** Throughout the year, one hour a week. Prerequisite courses 1, 2; may be taken with course 3 or 7.

GEOLOGY

1. **Dynamic and Structural Geology.** Repeated in second term. Professor RIES and Messrs. MONNETT and HOOK. Lectures, first term, T Th, 11, second term T Th, 9, and one laboratory period each week.

PHYSICAL GEOGRAPHY

2. **Elementary Physical Geography.** Throughout the year, credit three hours a term. Assistant Professor VON ENGELN and Mr. ELSTON. Lectures, M W, 9, and one laboratory period each week.
3. **Geography of North America.** Throughout the year. Prerequisite course 2. Assistant Professor VON ENGELN. T Th, 10.
- [4. **Commercial and Industrial Geography.** Throughout the year, two hours a week. Assistant Professor VON ENGELN.] Not given in 1914-15.

5. **Glaciers and Glaciation.** Second term. Prerequisite course 2. Lectures, M W, 11. Assistant Professor VON ENGELN, Laboratory, T, 2-4.30, Assistant Professor VON ENGELN and Mr. ELSTON.

8. **Experimental Physiography.** Throughout the year. Assistant Professor VON ENGELN and Mr. ELSTON.

9. **Seminary.** Throughout the year, two hours a week. For upperclass and graduate students. Assistant Professor VON ENGELN.

10. **Physiographic Research.** Throughout the year. Assistant Professor VON ENGELN.

MINERALOGY AND PETROGRAPHY

11. **Elementary Mineralogy.** First term, credit three hours; if taken after course 12 credit two hours. Professor GILL and Mr. VANDERMEULEN. Lectures M W, 8, and one laboratory period each week.

12. **Crystallography.** Second term, credit three hours; if taken after course 11, credit two hours. Prerequisite courses Chemistry 6 or 7, Physics 1. Lectures, T Th, 8, and one laboratory period each week. Professor GILL and Mr. VANDERMEULEN.

13. **Mineralogy.** First term, credit three hours; if taken after course 11, credit two hours. Prerequisite course 12. Lectures, T Th, 8, and one laboratory period each week. Professor GILL and Mr. VANDERMEULEN.

14. **Blowpipe Determination of Minerals.** First term, credit one hour. Prerequisite course 11 or 13 and Chemistry 6 or 7. Professor GILL and Mr. VANDERMEULEN.

15. **General Lithology.** Second term, credit one hour. Prerequisite courses 1 and 11. Professor GILL. Lectures or recitations, alternate S, 9; laboratory, alternate W, 2-5.30.

16. **Crystal Measurement and Drawing.** Second term, credit two hours. Prerequisite course 12. Professor GILL.

17. **Optical Determination of Minerals.** First term, credit three hours. Prerequisite courses 12, 13. Professor GILL.

18. **Petrography.** Second term, credit three hours. Prerequisite courses 1, 12, 13, 17. Professor GILL.

19. **Seminary in Mineralogy and Crystallography.** Throughout the year, one hour a week. Prerequisite courses 12, 13, 17. Professor GILL.

20. **Advanced or Special Work in Mineralogy and Petrography.** Throughout the year. Professor GILL.

PALEONTOLOGY AND STRATIGRAPHIC GEOLOGY

21. **Historic Geology.** Second term. Credit three hours. Prerequisite course 1. Professor HARRIS. Lectures, T Th, 11, and a laboratory period.

22. **Stratigraphic Geology.** First term until Christmas recess, credit two hours; second term, credit three hours. Prerequisite course 1. Professor HARRIS.

23. **Geologic Mensuration.** First term until Christmas recess, credit two hours. Prerequisite Geology 1 and spherical trigonometry. Professor HARRIS.

24. **Invertebrate Paleontology.** Repeated in second term. Prerequisite a three hour course in biology. Professor HARRIS and Mr. OLSSON. M W, 9, and one laboratory period.

25. **Paleontology and Stratigraphic Geology and Research.** Professor HARRIS and Dr. SHELTON.

26. **Areal Geology (Summer Field Work).** June 15th to July 25th, credit six hours. Prerequisite courses 1 and 21. Professor HARRIS and Mr. OLSSON. Field work, daily, 8-5.

ECONOMIC GEOLOGY

30. **Building Stones and Clay Products.** First term, Professor RIES and Messrs. HOOK and DAVIS. T, 9, and W or F, 2.

31. **Practical Geology.** Throughout the year, three hours a week. Registration by special permission. Professor RIES and Messrs. SOMERS and DAVIS.

32. **General Economic Geology.** Throughout the year. Prerequisite courses 1 and 11. Professor RIES and Mr. SOMERS. M W, 11, and T or Th, 2.

33. **Field Examination of Mineral Deposits.** First term, credit two hours. Prerequisite course 31 or 32. Professor RIES.

34. **Mining of Mineral Deposits.** Two or three hours a week as the student desires to elect. Mr. SOMERS.

35. **Clay Investigation.** Prerequisite courses Geology 1 or 31, and Chemistry 1 or its equivalent. Professor RIES and Mr. HOOK.

36. **Advanced Economic Geology.** Throughout the year. Prerequisite course 32. Professor RIES. Primarily for graduates.

37. **Economic Geology Seminary.** Throughout the year. Professor RIES. Prerequisite course 32.

38. **Experimental Economic Geology.** Prerequisite course 32 and Chemistry 1, or the equivalent. Professor RIES and Mr. HOOK.

MILITARY SCIENCE AND TACTICS

1. **Military Training and Instruction as Infantry.** Required of all first year men. See page 162.
2. **Elective Military Training.** Throughout the year, credit two hours a term. M W F, 4-45. Armory. Prerequisite course 1.
3. **Military Science and Tactics.** Second term. Lieutenant BULL. T Th, 12. An advanced lecture course.
4. **Band Music.** Practical and theoretical instruction. Throughout the year, credit two hours a term. M W F, 4-45. All instruments, music, uniforms, etc., are furnished by the University free of cost to the student. The members constitute the University Band.

PHYSICAL CULTURE

1. **Physical Exercises.** Throughout the year. Professor YOUNG and assistants. Three days a week. For those freshmen who, in the judgment of the Director, are physically unfitted for required military drill, and for all those who are allowed to substitute, for military drill, work in this department.
2. **Physical Exercises.** Throughout the year. Professor YOUNG and assistants. Three days a week. For sophomores who elect work in this department as part of the required work in physical training.
3. **Physical Exercises.** Throughout the year, credit one hour a term. Three days a week. Professor YOUNG and assistants. In addition to class and squad work, a series of lectures is given on the physiology of exercise, preventive disease, personal hygiene, etc.
4. **Boxing, Wrestling, and Fencing.** Throughout the year. Messrs. O'CONNELL, and GELAS. Daily except S. A fee of \$5 a term is charged for instruction in each branch.
5. **Swimming.** Throughout the year. Mr. COUSENS. Daily except S, Gymnasium. Required of all students who are unable to swim sixty feet.
10. **Physical Training for Women.** Throughout the year. Miss CANFIELD. Sage Gymnasium. Daily except Saturday. Required of freshmen and sophomores.
11. **Advanced Gymnastics.** Throughout the year, credit two hours. Prerequisite course 10. Miss CANFIELD.
12. **Corrective Gymnastics.** Throughout the year. Miss CANFIELD.

THE COLLEGE OF LAW

For detailed information concerning the work of the College of Law, candidates for admission to that college should consult the Announcement of the College of Law which will be sent gratis on application to the Secretary of the University.

FACULTY OF THE COLLEGE OF LAW

- JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.
FRANK IRVINE, B.S., LL.B., Director of the College, Dean of the Faculty, and Professor of Practice and Procedure. Leave of Absence, 1914-15.
EDWARD HAMLIN WOODRUFF, LL.B., Professor of Law; Acting Dean.
WILLIAM L. DREW, B.S., LL.B., Professor of Law. Leave of Absence, 1914-15.
ALFRED HAYES, A.M., LL.B., Professor of Law.
CHARLES TRACEY STAGG, LL.B., Professor of Procedure and Secretary of the College.
CHARLES KELLOGG BURDICK, A.B., LL.B., Professor of Law.
GEORGE GLEASON BOGERT, A.B., LL.B., Assistant Professor of Law.
DEWITTE B. WYCKOFF, LL.B., Acting Assistant Professor of Law.
WILLIAM MACOMBER, A.B., of the Buffalo, N. Y. Bar, Author of the Fixed Law of Patents, Lecturer on the Patent Laws of the United States.
JAMES WHITE PERSONS, LL.B., Referee in Bankruptcy, Buffalo, N. Y., Lecturer on the United States Bankruptcy Act.
JUDGE HARRINGTON PUTNAM, A.B., LL.B., Brooklyn, N. Y., of the Appellate Division of the Supreme Court, Second Judicial Department. Lecturer on the Law of Shipping and Admiralty.

EDWARD ECKER WILLEVER, Librarian.

THE DEGREE OF BACHELOR OF LAWS

The undergraduate instruction for students in the College of Law leads to the degree LL.B., the requirement for which is the completion of one of the following curricula.

1. The curriculum of four years, for students who have only the preparation afforded by high schools and preparatory schools.
2. The curriculum of three years, designed for college graduates or for those who have completed at least one year of college work.

For the requirements in military science and tactics and in physical culture, see page 162.

For admission to the College of Law, see page 35; for tuition in the College of Law, see page 42.

Admission to Advanced (Junior) Standing

Applicants for admission to junior standing must be at least nineteen years of age. They must satisfy the requirements for admission to the three year curriculum, and must pass a satisfactory examination in the work of the first year of that curriculum. The work of the junior and senior years must be pursued in actual residence in the College of Law.

Advanced Standing in the Curriculum of Four Years. Minimum age requirement, eighteen years. The second year of this curriculum may be anticipated by applicants who have not had a year of college work but who nevertheless are able at the time of admission to pass satisfactory examinations in the work of the first year of the three year curriculum.

Admission as Special Students

Applicants who are twenty-one years of age may, in the discretion of the Faculty, be admitted to the College as special students not candidates for a degree, provided they present the New York Regents' Law Student Certificate or a substantial equivalent. The privilege will be granted only upon written application specifying the age of the applicant and the amount of preparatory study or of previous law study, and accompanied, if practicable, with certificates from the preparatory school, law school, or attorney under whose direction such studies have been pursued. New York students will not be admitted as special students unless they present a Regents' Law Student Certificate. Special students may be admitted as candidates for a degree if they satisfy the entrance requirements before the beginning of their second year in the College.

Admission of Students from Other Colleges of the University

Subject to the regulations of the college in which he is registered, and of the College of Law, a student from another college of the University may elect work in the College of Law; but he is not permitted to do so before the beginning of his junior year, except upon presentation of special reasons to the Dean of the Law Faculty. Work permitted to be taken in the College of Law may be counted towards the law degree.

Under the regulations of the College of Arts and Sciences, a qualified senior may take all of his work in the College of Law, receiving the degree of A.B. at the end of the year and at the same time completing the work of the first year of the three year curriculum in the College of Law; by two additional years of residence in the College of Law, he will be able to satisfy the requirements for the degree of LL.B.

THE CURRICULUM OF FOUR YEARS

First or Freshman Year

2. **Torts (including Master and Servant).** Three hours. Professor HAYES.
- Elementary Economics.** (College of Arts and Sciences, Political Science 51.) Three hours. Professor WILLCOX.
- English History to 1509.** (College of Arts and Sciences, History 31.) First term. Three hours. Professor LUNT.
- English Constitutional History to the Sixteenth Century.** (College of Arts and Sciences, History 33.) Second term. Three hours. Professor LUNT.
- Electives.** Subjects in the College of Arts and Sciences. Six or seven hours each term. All electives are subject to the approval of the Dean of the College of Law.

Second or Sophomore Year

- 1a. **Contract.** Four hours until the Spring recess. Professor WOODRUFF.
[Courses 1a and 1b constitute a continuous course and registration must be for the entire year.]
- 1b. **Agency.** Four hours from the Spring recess. Professor WOODRUFF.
3. **Criminal Law and Procedure.** First term. Four hours. Professor BURDICK.
4. **Property I.** Three hours. Assistant Professor BOGERT.
5. **Civil Procedure.** Second term. Four hours. Acting Assistant Professor WYCKOFF.
6. **Brief Making.** One hour. Professor STAGG.
- Electives.** Subjects in Arts and Sciences. Three to six hours each term. All electives are subject to the approval of the Dean of the College of Law.

Third or Junior Year

20. **Property II.** First term. One hour. Assistant Professor BOGERT.
- 20a. **Sales.** First term, Three hours. Assistant Professor BOGERT.
21. **Partnership.** Second term. Two hours. Professor BURDICK.
22. **Probate Law.** First term. Three hours. Professor STAGG.
23. **Equity Jurisdiction.** Three hours. Professor HAYES.
24. **Insurance.** Second term. Two hours. Professor WOODRUFF.
25. **Domestic Relations and the Law of Persons.** Two hours. Professor BURDICK.
26. **Evidence.** Second term. Four hours. Acting Assistant Professor WYCKOFF.
28. **Civil Procedure.** First term. Three hours. Acting Assistant Professor WYCKOFF.
- 28a. **Procedural Papers.** Second term. Two hours. Professor STAGG.
29. **Damages.** Second term. One hour. Assistant Professor BOGERT.
- 29a. **Theory of Law.** Second term. One hour. Professor HAYES. Alternate years, given in 1914-1915. Elective for juniors and seniors.

Electives. [Not required.] Not to exceed three hours in Arts and Sciences for students whose second year work has been satisfactory.

Fourth or Senior Year

30. **Mortgages.** Second term. Two hours. Professor STAGG.
 31. **Suretyship.** Second term. Two hours. Professor BURDICK.
 32. **Private Corporations.** First term. Four hours. Acting Assistant Professor WYCKOFF.
 33. **Quasi-Contracts.** First term. Two hours. Professor WOODRUFF.
 34. **Carriers and the Law of Public Service.** Second term. Three hours. Professor BURDICK.
 35. **Negotiable Paper.** First term. Three hours. Professor BURDICK.
 36. **Constitutional Law.** First term. Two hours. Professor HAYES.
 37. **Civil Procedure.** First term. Four hours. Professor STAGG. Seniors who do not intend to take the New York Bar Examination may omit course 37, but those availing themselves of this privilege are required to substitute course 37a together with such other elective work as will in the opinion of the Dean constitute a substantial equivalent.
 - 37a. **Jurisdiction and Procedure of the Federal Courts.** First term. One hour. Professor IRVINE. Elective for Seniors.
 38. **Property III.** Second term. Two hours. Assistant Professor BOGERT.
 - 38a. **Trusts.** Second term. Two hours. Assistant Professor BOGERT.
 40. **Public Officers and Municipal Corporations.** Second term. Two hours. Professor HAYES.
 41. **Conflict of Laws.** Second term. Two hours. Professor STAGG. Elective for seniors.
- Elective. See course 29a.

THE CURRICULUM OF THREE YEARS

- First Year. 1a. Contract; 1b. Agency; 2. Torts; 3. Criminal Law and Procedure;
 4. Property I; 5. Civil Procedure; 6. Brief Making.
 Second or Junior Year. Same as Third Year of the Four Year Curriculum.
 Third or Senior Year. Same as Fourth Year of the Four Year Curriculum.

SPECIAL COURSES OF LECTURES BEFORE THE COLLEGE OF LAW

ATTENDANCE REQUIRED OF JUNIORS AND SENIORS

The Patent Laws of the United States. Twelve lectures. Mr. MACOMBER.

The Law of Shipping and Admiralty. Six lectures. Judge PUTNAM.

The Federal Bankruptcy Act. Ten lectures. Mr. PERSONS.

Mining Law. Six lectures.

Each of the above courses is given in alternate years.

SPECIAL LECTURES

Provision has also been made by the College of Law for several special lectures to be given from time to time during the year by eminent members of the bar upon topics of immediate interest. There is also delivered each year at least one lecture on the Frank Irvine Foundation, a fund created in 1913 by the Conkling

Chapter of the Phi Delta Phi Fraternity and presented to the University for the purpose of securing occasional lectures by prominent lawyers. In 1914, the lecturer was Hon. Adelbert Moot of Buffalo, who spoke on "Thoroughness".

ELECTIVES IN THE COLLEGE OF ARTS AND SCIENCES

In addition to the courses in the College of Arts and Sciences that law students are required to take in the first year of the four year curriculum, all other courses in the College of Arts and Sciences are open to law students, subject to the regulations of that college and to the prior demands of the regular schedule of professional courses in the College of Law.

EXAMINATION AND CLASS STANDING

Examinations are held at the end of the term in the work of that term, and in September for the removal of conditions. The following grades are given upon examinations: A, excellent; B, good; C, fair; D, poor; Cond., failure to pass. AA may be given for a paper of exceptional excellence. A student pursuing five subjects in any term must pass at least three of them, and a student pursuing less than five subjects must pass at least two of them (exclusive in each case of Brief Making). A student having conditions in four term-subjects at the end of the first year of the three year curriculum, or at the end of the first or of the second year of the four year curriculum, cannot take September or other examinations to remove them unless he has, in an equal number of subjects, credits of the grade of A or B; if he does not meet this requirement he must repeat the work of the year in which such conditions were received. A student having conditions in four term-subjects at the end of the second year in the three year curriculum, or at the end of the third year in the four year curriculum, cannot take examinations to remove them, or be considered a candidate for a degree unless he has in an equal number of subjects credits of the grade of A or B. No senior who receives more than one condition in the work of either term of the senior year will be permitted to take a special examination, and no senior may take more than one special examination in the same senior subject. In computing the number of subjects passed, Property II and Sales count as one course in the junior year, and Property III and Trusts as one course in the senior year.

All conditions received during the first, second, or third year of the four year curriculum, or the first or second year of the three year curriculum, must be removed the following September. A failure in a September examination may be made up at the next regular term examination, but no more than two re-examinations will be allowed in any subject, and an unexcused neglect to try a September examination counts as one re-examination. A senior who after the September examination has more than two conditions still standing against him will not be considered a candidate for graduation in that year.

A student failing for the first time to maintain the standard required for remaining in the College will ordinarily be permitted to return the following year and repeat the entire work of the term during which the failure occurred. If he fails a second time in the work of that or another term he will be permanently dropped. A student will also be permanently dropped if after the beginning of his junior year he has been placed on probation for neglect of or failure in work and thereafter fails to maintain the standard required for remaining in the college. Irregular attendance or neglect of work may be sufficient cause for the removal of a student from the College at any time, and a student may be excluded from any examination because of irregular attendance or neglect of work in the course in which the examination is given.

PRACTICE DEPARTMENT

The curriculum of the College of Law is not confined to instruction in the principles of substantive law; on the contrary, several courses are offered in the principles of pleading and in the general and fundamental rules of practice in accordance with which the principles of substantive law are administered. In

the first year the student receives instruction in legal bibliography, the use of authorities, the actual finding and collating of authorities, and the preparation of briefs upon elementary subjects. This is given in the class room and by library practice. He is also instructed in the organization and jurisdiction of courts, federal as well as state, and the principles of common law pleading. The commencement of actions is then treated. In the first term of the junior year the course embraces parties to actions and the principles of code pleading. This course is followed in the second term by a course in which various pleadings and other instruments are drawn by the student, based upon hypothetical statements of facts. These papers are discussed in the class room and in individual consultations with the students preparing them. In the first half of the senior year there is given a somewhat extended course in New York practice. This course is not expected of students who do not intend to take the New York Bar Examinations, but students from other states are encouraged to take it, as it is believed that a specific study of actual practice in one jurisdiction is better than a general survey of rules common to a number of jurisdictions but which do not alone afford an accurate knowledge of the practice actually existing in any one jurisdiction. A course is also given in the practice of probate courts, and in the last term of the senior year there is a practical course in conveyancing.

For the Library of the College of Law, see page 152.

Certificate of Attendance. Each student who has been in regular attendance upon the College, whether entitled to a degree or not, may on application to the Faculty receive an official certificate of attendance, giving the time of his attendance, and if desired the measure of his attainments. The certificate of a year's satisfactory attendance, required by the New York Bar examiners, implies not only regular attendance upon, but also successful completion of the prescribed course of instruction for a full year (not less than ten hours a week). Students in the four year curriculum will therefore receive no time certificate for the first year, but will after regular attendance and on the successful completion of that curriculum receive a time certificate for three years.

SCHOLARSHIPS AND PRIZES

The Boardman Senior Law Scholarship and the Fraser Scholarships are awarded only to students in the College of Law. For these and for the various scholarships and prizes that are open to all of the students in Cornell University see pages 154-158.

THE MEDICAL COLLEGE

FACULTY OF MEDICINE IN NEW YORK CITY

- JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.
WILLIAM M. POLK, M.D., LL.D., Dean and Professor of Clinical Surgery, Department of Gynecology.
AUSTIN FLINT, M.D., LL.D., Professor of Physiology, Emeritus.
RUDOLPH A. WITTHAUS, A.M., M.D., Professor of Chemistry, Emeritus.
FREDERIC S. DENNIS, A.B., M.D., F.R.C.S., Professor of Clinical Surgery, Emeritus.
NEWTON M. SHAFFER, M.D., Professor of Orthopedic Surgery, Emeritus.
LEWIS A. STIMSON, A.B., M.D., LL.D., Professor of Surgery.
W. GILMAN THOMPSON, Ph.B., M.D., Professor of Medicine.
GEORGE WOOLSEY, A.B., M.D., Professor of Clinical Surgery.
J. CLIFTON EDGAR, Ph.B., A.M., M.D., Professor of Obstetrics and Clinical Midwifery.
JAMES EWING, A.M., Sc.D., M.D., Professor of Pathology.
GRAHAM LUSK, Ph.D., Sc.D., F.R.S.E., Professor of Physiology.
FRANK SHERMAN MEARA, A.B., Ph.D., M.D., Professor of Therapeutics.
ROBERT ANTHONY HATCHER, Ph.G., M.D., Professor of Pharmacology and Materia Medica.
CHARLES R. STOCKARD, M.S., Ph.D., Professor of Anatomy.
IRVING S. HAYNES, Ph.B., M.D., Professor of Applied Anatomy and Clinical Surgery.
THOMAS WOOD HASTINGS, A.B., M.D., Professor of Clinical Pathology.
WARREN COLEMAN, A.M., M.D., Professor of Clinical Medicine and Applied Pharmacology.
WILLIAM J. ELSE, M.D., Professor of Bacteriology.
SILAS P. BEEBE, M.S., Ph.D., M.D., Professor of Experimental Therapeutics.
STANLEY R. BENEDICT, Ph.D., Professor of Chemistry.
CHARLES L. GIBSON, A.B., M.D., Adjunct Professor of Surgery.
JOSEPH E. WINTERS, M.D., Professor of Clinical Medicine, Department of Pediatrics.
CHARLES L. DANA, A.M., M.D., Professor of Clinical Medicine, Department of Neurology.
GEORGE THOMPSON ELLIOTT, M.D., Professor of Clinical Surgery, Department of Dermatology.
FREDERICK WHITING, A.M., M.D., Professor of Clinical Surgery, Department of Otolaryngology.
AUGUST HOCH, M.D., Professor of Clinical Medicine, Department of Psychopathology.
EDWARD L. KEYES, JR., A.B., Ph.D., M.D., Professor of Clinical Surgery, Department of Urology.
ROBERT G. REESE, Ph.G., M.D., Professor of Clinical Surgery, Department of Ophthalmology.
ALFRED S. TAYLOR, M.D., Professor of Operative Surgery.
ALEXANDER LAMBERT, A.B., Ph.B., M.D., Professor of Clinical Medicine.
CHARLES E. NAMMACK, Ph.B., M.D., LL.D., Professor of Clinical Medicine.
LEWIS A. CONNER, Ph.B., M.D., Professor of Clinical Medicine.

- JOHN A. HARTWELL, Ph.B., M.D., Assistant Professor of Surgery and Professor of Clinical Surgery.
- WILLIAM B. COLEY, A.M., M.D., Professor of Clinical Surgery.
- JOHN ROGERS, A.B., Ph.D., M.D., Professor of Clinical Surgery.
- HARMON SMITH, A.B., M.D., Professor of Clinical Surgery, Department of Laryngology and Rhinology.
- CHARLTON WALLACE, M.D., Professor of Clinical Surgery, Department of Orthopedic Surgery.
- JOSEPH FRAENKEL, M.D., Assistant Professor of Clinical Medicine, Department of Neurology.
- OTTO H. SCHULTZE, A.M., M.D., Assistant Professor of Pathological Anatomy, and Professor of Medico-Legal Pathology.
- LEWIS G. COLE, M.D., Professor of Radiology.
- JAMES C. JOHNSTON, A.B., M.D., Assistant Professor of Clinical Surgery, Department of Dermatology.
- JOHN R. MURLIN, A.M., Ph.D., Assistant Professor of Physiology.
- JOHN C. TORREY, A.B., Ph.D., Assistant Professor of Experimental Pathology and Lecturer in Hygiene.
- WILLIAM C. THRO, A.M., M.D., Assistant Professor of Clinical Pathology.
- RICHARD WEIL, M.D., Assistant Professor of Experimental Therapeutics.
- MAX G. SCHLAPP, M.D., Assistant Professor of Neuro-pathology.
- ISRAEL STRAUSS, A.B., M.D., Assistant Professor of Neuro-anatomy.
- CHARLES C. BARROWS, A.M., M.D., Assistant Professor of Clinical Surgery, Department of Gynecology.
- JAMES MORLEY HITZROT, A.B., M.D., Assistant Professor of Clinical Surgery, Department of Surgery.
- WALTER L. NILES, M.D., Assistant Professor of Clinical Medicine.
- CARL J. WIGGERS, M.D., Assistant Professor of Physiology.
- NELLIS BARNES FOSTER, M.D., Assistant Professor of Medicine.
- WESLEY M. BALDWIN, A.M., M.D., Assistant Professor of Anatomy.
- J. S. FERGUSON, M.S., M.D., Secretary of the Faculty, 577 First Avenue.

Lecturers

- EUGENE F. DUBOIS, M.D., Lecturer on Clinical Physiology and Instructor in Applied Pharmacology.
- GEORGE GRAY WARD, Lecturer on Gynecology.

Instructors and Assistants

- HAROLD C. BAILEY, M.D., Instructor in Obstetrics.
- VALENTINE C. BAKER, M.D., Fellow in Medicine.
- FENWICK BEEKMAN, M.D., Instructor in Operative Surgery.
- JOSEPH C. BOCK, Chem.E., Instructor in Chemistry.
- E. L. BREZEE, A.B., Assistant in Anatomy.
- MONTROSE T. BURROWS, A.B., M.D., Instructor in Anatomy.
- CHARLES S. B. CASSASSA, A.B., M.D., Assistant in Pathological Anatomy.
- ARTHUR F. COCA, M.D., Instructor in Experimental Pathology.
- ROBERT A. COOKE, M.D., Assistant in Experimental Therapeutics.
- B. DAVIDSON, M.D., Fellow in Medicine.
- HELEN B. DAVIS, A.B., Chemical Assistant in Medicine.
- WILLIAM DUNN, Assistant in Experimental Therapeutics.

- CARY EGGLESTON, M.D., Instructor in Materia Medica and Pharmacology.
- SEWARD ERDMAN, M.D., Instructor in Clinical Surgery.
- ELISE S. L'ESPERANCE, M.D., Instructor in Pathology.
- S. FELDSTEIN, M.D., Assistant in Experimental Therapeutics.
- ROLFE FLOYD, M.D., Instructor in Clinical Medicine.
- JAMES BELDEN GERE, M.D., Assistant in Neuro-pathology.
- JOHN C. A. GERSTER, M.D., Instructor in Operative Surgery.
- J. H. GLOBUS, Assistant in Anatomy.
- MALCOLM GOODRIDGE, M.D., Instructor in Therapeutics.
- J. F. GUDERNATSCH, Ph.D., Instructor in Histology and Embryology.
- GEORGE D. HAMLEN, A.M., M.D., Instructor in Obstetrics and Clinical Instructor in Surgery, Department of Gynecology.
- ARTHUR E. HOAG, M.D., Instructor in Surgery.
- J. P. HOGUET, M.D., Instructor in Surgery.
- ARTHUR HOLDING, M.D., Assistant in Radiology.
- FRANK M. HUNTOON, M.D., Instructor in Bacteriology.
- HENRY WIRT JACKSON, M.D., Assistant in Clinical Pathology.
- FREDERICK L. KEAYS, A.B., M.D., Instructor in Physical Diagnosis.
- R. FOSTER KENNEDY, M.D., F.R.S.E., Instructor in Clinical Medicine, Department of Neurology.
- JOHN STANLEY KENNEY, M.D., Assistant in Medicine.
- BURTON J. LEE, A.B., M.D., Instructor in Clinical Surgery and in Surgical Pathology.
- ALBERTUS A. MOORE, M.D., Instructor in Obstetrics.
- JESSIE MOORE RAHE, A.M., Assistant in Experimental Therapeutics.
- H. MURAYAMA, Prepareteur in Anatomy.
- CHARLES NORRIS, M.D., Demonstrator in Pathological Anatomy.
- E. OSTERBERG, Instructor in Chemistry.
- GEORGE PAPANICOLAU, Ph.D., M.D., Assistant in Anatomy.
- ALFRED RAHE, Assistant in Experimental Pathology.
- JOHN H. RICHARDS, M.D., Instructor in Clinical Pathology.
- J. A. RICHE, Assistant in Physiology.
- JOSEPH C. ROPER, M.D., Instructor in Clinical Medicine, Department of Pediatrics.
- HAROLD E. SANTEE, A.B., M.D., Instructor in Obstetrics and Operative Surgery.
- WILLIAM H. SHELDON, M.D., Instructor in Medicine.
- MONTGOMERY H. SICARD, B.S., M.D., Instructor in Physical Diagnosis and Therapeutics.
- HANS J. SCHWARTZ, M.D., Instructor in Clinical Pathology and Clinical Instructor in Surgery, Department of Dermatology.
- HARRY VAN NESS SPAULDING, M.D., Instructor in Operative Surgery.
- RALPH D. STILLMAN, M.D., Instructor in Clinical Medicine.
- OSCAR TEAGUE, M.S., M.D., Instructor in Experimental Pathology.
- WILLIAM H. TYTLER, A.B., M.B., Instructor in Pathology.
- ELEANOR VAN NESS VAN ALSTYNE, B.S., Instructor in Experimental Therapeutics.
- CHARLES E. S. WEBSTER, JR., M.D., Instructor in Therapeutics.
- LUCIUS A. WING, B.S., M.D., Fellow in Medicine and Clinical Instructor in Surgery.

Clinical Instructors

- BENJAMIN S. BARRINGER, A.B., M.D., Clinical Instructor in Surgery, Department of Urology.
- LEROY BROWN, M.D., Clinical Instructor in Surgery, Department of Gynecology.
- FRANKLIN T. BURKE, M.D., Clinical Instructor in Surgery, Department of Laryngology and Rhinology.
- ARTHUR H. CILLEY, M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery.
- W. J. HEIMANN, M.D., Clinical Instructor in Surgery, Department of Dermatology.
- GEORGE B. McAULIFFE, A.B., M.D., Clinical Instructor in Surgery, Department of Otolaryngology.
- DAVID W. MacKENZIE, A.B., M.D., Clinical Instructor in Surgery, Department of Urology.
- GLENN E. MYERS, M.D., Clinical Instructor in Medicine, Department of Psychopathology.
- JOHN T. MACCURDY, M.D., Clinical Instructor in Medicine, Department of Psychopathology.
- HENRY PEARSON, B.S., M.D., Clinical Instructor in Anesthesia.
- BENJAMIN P. RILEY, M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery.
- WILLIAM SHANNON, A.B., M.D., Clinical Instructor in Medicine, Department of Pediatrics.
- WILLIAM D. TYRRELL, M.D., Clinical Instructor in Medicine, Department of Pediatrics.
- GEORGE W. VANDEGRIFT, A.M., M.D., Clinical Instructor in Surgery, Department of Ophthalmology.
- JOHN M. WHEELER, A.B., M.Sc., M.D., Clinical Instructor in Surgery, Department of Ophthalmology.
- BRAINERD H. WHITBECK, M.D., Clinical Instructor in Surgery, Department of Orthopedic Surgery.
- W. W. WRIGHT, M.D., Clinical Instructor in Medicine, Department of Psychopathology.

Clinical Assistants

- EARLE CONNER, M.D., Clinical Assistant in Surgery, Department of Otolaryngology.
- SAMUEL M. EVANS, M.D., Clinical Assistant in Medicine, Department of Pediatrics.
- GEORGE W. KUNZ, M.D., Clinical Assistant in Surgery, Department of Otolaryngology.
- THOMAS A. MULCAHY, M.D., Clinical Assistant in Surgery, Department of Otolaryngology.

FACULTY OF MEDICINE AT ITHACA

- JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.
- ABRAM T. KERR, B.S., M.D., Professor of Anatomy and Secretary of the Medical College at Ithaca.
- SIMON HENRY GAGE, B.S., Professor of Histology and Embryology, Emeritus.
- WILLIAM RIDGELEY ORNDORFF, A.B., Ph.D., Professor of Organic Chemistry.
- BENJAMIN FREEMAN KINGSBURY, Ph.D., M.D., Professor of Histology and Embryology.
- SUTHERLAND SIMPSON, D.Sc., M.D., F.R.S.E., Professor of Physiology.

JAMES BATCHELLER SUMNER, A.M., Ph.D., Assistant Professor of Biochemistry.
 MELVIN DRESBACH, M.S., M.D., Assistant Professor of Physiology.
 SAMUEL ARTHUR MAHOOD, B.S., A.M., Instructor in Chemistry.
 HUGH McMILLAN KINGERY, A.B., A.M., Instructor in Histology and Embryology.
 HENRY KENNEDY DAVIS, A.B., A.M., Instructor in Anatomy.
 ANDREW THEODORE RASMUSSEN, A.B., Instructor in Physiology.
 CHARLES ETHAN ALLEN, A.B., Assistant in Histology and Embryology.
 JOHN JOSEPH KENNEDY, B.Chem., Assistant in Chemistry.
 WALKER ELLSWORTH MCCORKLE, Ph.B., M.S., Assistant in Anatomy.
 FRANCIS WEBBER SHERWOOD, A.B., Assistant in Chemistry.
 ALFRED LATIMER POTTER, A.B., Assistant in Anatomy.
 REUBEN LORENZO HILL, B.S., Assistant in Biochemistry.
 LLOYD LEWIS MERRIMAN, B.S., Assistant in Histology and Embryology.
 WILLIAM MALCOLM STOBBS, Assistant in Histology and Embryology.

THE MEDICAL COLLEGE

The Cornell Medical College was founded in 1898. It comprises two divisions, one of which is in New York City, the other in Ithaca. The work of the whole curriculum of four years is given in New York City; the work of only the first year is given in Ithaca. Men may take the first year of the curriculum in New York City or in Ithaca as they may elect; women are required to take the first year in Ithaca.

BUILDINGS, LABORATORIES, AND HOSPITAL FACILITIES IN NEW YORK CITY

The main building of the Medical College in New York City is situated on First Avenue from 27th to 28th Streets.

The Loomis Laboratory, which serves the purpose of instruction in connection with the laboratories in the main building of the College, is organized as a research laboratory with special departments in bacteriology, physiological chemistry, experimental medicine, and pharmacology.

The College Dispensary, located in the main building, is intimately connected with the laboratory and research facilities of the College.

The New York Hospital. One-half of the medical, surgical, and pathological services of this hospital are assigned to the Medical College for the advancement of its teaching and research.

The Bellevue Hospital. The second of the four divisions of this hospital is at the disposal of the faculty of the Medical College for medical instruction.

The Neurological Institute. By courtesy of the Institute, certain work is offered to third and fourth year students in the Medical College.

Manhattan State Hospital, Ward's Island. Through the courtesy of the authorities of this hospital, the Professor of Psycho-pathology in the Medical College is enabled to offer in its wards clinical instruction which is conducted weekly during eleven weeks of the fourth year.

Thanks to the generosity of Dr. James Douglas, the General Memorial Hospital has recently received a large endowment for the study, treatment, and research of cancer and allied diseases, on the condition that the said Hospital de-

vote itself exclusively to such work and also on the further condition that the Council of the Cornell University Medical College shall name the medical and surgical staff of the Hospital (subject, however, to the approval of the Board of Managers of the Hospital) and shall also approve the five medical members of the said Board of Managers and nominate their successors as from time to time vacancies occur in these positions.

Stimson Hall, the building of the Ithaca Division of the Medical College, is situated on the campus, and is a part of the general group of University buildings.

ADMISSION TO THE MEDICAL COLLEGE

Applications for admission to the Medical College are entertained from the following class of candidates.

1. Graduates of approved colleges or scientific schools.
2. Seniors in good standing in approved colleges or scientific schools upon condition that their faculty will permit them to substitute the first year in the Cornell University Medical College for the fourth year of their college course, and will confer upon them the bachelor's degree upon the satisfactory completion of the year's work.
3. Persons who give evidence by examinations that they have acquired an equivalent education to that signified by a bachelor's degree, and training sufficient to enable them to profit by the instruction offered in the Medical College.

All candidates for admission to the Cornell University Medical College must have at least such knowledge of physics, inorganic chemistry, and biology as may be obtained in college by a year's work in these subjects.

ADMISSION TO ADVANCED STANDING

Applicants for advanced standing must have met in full the requirements for admission, and must have already attended the legally required number of courses in an approved regular medical college. Applicants thus qualified may be admitted to the Cornell University Medical College under the following conditions.

1. A properly attested certificate of actual attendance at a registered medical college for the full number of years of medical study for which time credit is asked must be presented and approved.
2. A certificate showing that the student has satisfactorily completed in an approved medical college all of the required work of the years for which credit is asked must be presented and approved.
3. Subject credit will be granted on presentation and approval, by the heads of departments, of properly attested certificates stating the courses already completed in an approved medical college with the number of hours, didactic and laboratory, devoted thereto, together with the name of the instructor.
4. In the absence of the approved certificate called for in the preceding paragraph, subject credit for advanced standing will be granted only by examination.

ADMISSION TO SPECIAL COURSES

Graduates in medicine, or students who desire to pursue courses without credit toward graduation, may, on approval of the head of the department concerned, be admitted to registration in the Medical College in New York City, as special students.

TUITION AND LABORATORY FEES

The tuition for regular students in the Medical College, in New York City and in Ithaca, is \$150 a year. Laboratory fees are \$35 a year for the first three years, and \$25 for the fourth year. There is a final examination fee of \$25. A registration fee of \$5 is required of all regular students.

Tuition for special students depends on the nature of the courses pursued. For details, the Secretary of the Medical College in New York City should be consulted. All special students must pay a registration fee of \$5.00.

The Academic Year. In the Medical College in New York City, the academic year is divided into three terms of eleven, ten, and eleven weeks respectively. In the Ithaca Division of the Medical College, the academic year consists of two terms of approximately equal length.

THE DEGREE OF DOCTOR OF MEDICINE

Instruction in the Medical College leads to the degree of Doctor of Medicine, the requirement for which is the completion of the following curriculum of four years.

First Year. Major subjects: anatomy, physiology, organic chemistry including laboratory work, histology and embryology. Minor subjects: neuro-anatomy, physiological chemistry.

Second Year. Major subjects: physiology, materia medica and pharmacology. Minor subjects: medicine, surgery, obstetrics, bacteriology, anatomy, pathology, nutrition.

Third Year. Major subjects: applied pharmacology, pathology, obstetrics. Minor subjects: medicine, surgery, clinical pathology, pediatrics, neurology, pathological anatomy, urology.

Fourth Year. Major subjects: medicine, surgery, therapeutics, gynecology. Minor subjects: hygiene, ophthalmology, neurology, laryngology and rhinology, orthopedics, pediatrics, psycho-pathology, otology, dermatology.

Major and Minor Courses. Major courses are those in which a student completes his work in a given department or subject. Minor courses comprise the shorter laboratory courses and those in which instruction is given by recitation only.

Conditions allowed at the end of the first, of the second, and of the third year of the curriculum: one major and one minor; or two minor subjects. All conditions must, however, be successfully passed before admission to the succeeding year. If at the end of the fourth year any student fails to pass in not more than one major, or in two minor subjects, a re-examination in these subjects may be allowed within two weeks, and if the candidate is then successful the degree may be conferred. If the candidate fails to pass in any subject at this second examination, the work of the fourth year must be repeated. Before being readmitted to the fourth year the candidate may be required to pass a satisfactory examination in anatomy, physiology, chemistry, and materia medica, the major subjects of the preceding years.

The minimum age at graduation must be twenty-one years.

Students who have been admitted to advanced standing are required to pass at least the fourth year of the curriculum in residence at the Medical College in New York City.

A Medical Student's Certificate, issued by the Department of Education of the State of New York, is required of all students before graduation.

Candidates must have dissected at least one lateral half of the cadaver. They must, further, have taken the regular course of two weeks in practical obstetrics, and a certificate covering this course must be filed at the Secretary's office before registration for the final examinations, which begin about the last week of May.

The degree will not be conferred upon any candidate who, without the special permission of the Faculty, absents himself from the public Commencement.

EXAMINATIONS AND ADVANCEMENT IN COURSE

1. **Advancement.** Students are advanced in course from one year to the next upon recommendations by heads of departments after examination in the work of the year, but examinations in major or minor subjects may, at the discretion of the head of the department, include all the work previously covered in the year or years preceding the examinations in question.

2. **Examinations.** Examinations for advancement in course, for graduation, and for admission to advanced standing are held at the close of the year, except that in each course extending through a part of the year only, the examination may be held at the close of the course.

A grade of 75 per cent is required to pass. In case of failure, if the grade is 60 per cent or more, the student is entitled to one re-examination and no more.

A student who fails to pass at re-examination in more than one minor subject shall not be allowed to register in the succeeding year of the curriculum, and shall be required to repeat all courses in which, during the year ending in failure, he has received a lower grade than 80 per cent. In place of courses passed with a grade of 80 per cent or higher, he may elect appropriate courses from the succeeding year of the curriculum.

A student who twice fails in the equivalent of two minor subjects (two minors being equal to one major) in a given year of the curriculum shall thereby forfeit his right to further registration in this college.

A student failing in any one college year in the equivalent of two major subjects or more shall thereby forfeit his right to re-examination, and shall be required to repeat the year, except that he may, at the discretion of the head of the department, be excused from repeating a course in which he has attained a grade of 80 per cent or more.

PRIZES AND FELLOWSHIPS

The John Metcalfe Polk Prizes, the Dana Prizes, and the Whiting Prizes are open only to students in the Medical College. For these see page 158.

The following fellowships are annually awarded by the Medical College in New York City. For details of award, the Announcement of the Medical College should be consulted.

Four Fellowships in Clinical Medicine, known as the **Charles L. Sheldon Fellowships**, of the annual value of \$1000, \$250, \$200, and \$200 respectively.

The Fellowship in Pathology of the annual value of \$250.

Diplomas of Licentiate of the Royal College of Physicians of London and Membership of the Royal College of Surgeons of England

Graduates of the Cornell University Medical College are admitted to the final examinations for diploma of Licentiate of the Royal College of Physicians of London and Membership of the Royal College of Surgeons of England.

Hospital Appointments

The students and graduates of the Cornell University Medical College are expected to compete for positions on the resident staff of New York, Bellevue and other hospitals of the city.

THE COMBINED A.B. AND M.D. DEGREES

The two degrees, Bachelor of Arts and Doctor of Medicine, may be obtained in seven years. The first three years must be taken in the College of Arts and Sciences. The fourth year is the first year in the Medical College, and at the end of it the student receives the degree of A.B. The last three years are taken entirely in the College of Medicine at New York City.

COURSES OF INSTRUCTION IN NEW YORK CITY

ANATOMY

1. **Morphology.** Laboratory, 40 hours (elective), and demonstration conferences, 22 hours (required). Professor STOCKARD and Dr. GUDERNATSCH.

2. **Embryology and Histology.** Laboratory course and lectures—250 hours, October to March. Required of all first year students. Drs. GUDERNATSCH and BURROWS.

3. **Neuro-Histology.** Laboratory, 66 hours. Required of all first-year students. Assistant Professor STRAUSS and assistant.

4. **Gross Anatomy of the Human Body.** The following are the courses required. I. The Upper Extremity; II. The Head and Neck; III. The Lower Extremity; IV. The Thorax; V. The Abdomen and Pelvis. Dissection, demonstrations, recitations, and examinations. Total laboratory hours, 288 (minimum). First and second terms of the first year.

Course VI. A Demonstration course. Optional for first-year students.

Course VII. A study room course in live anatomy. Optional for first-year students.

Course VIII. Dissection Review. A repetition of Courses I-V, giving an opportunity for advanced dissection. Optional for students of the second, third, or fourth year.

Course IX. Topographical Anatomy. Laboratory, 99 hours. Required during the first term of second year. Professor STOCKARD, Assistant Professor BALDWIN, Dr. BURROWS, and assistants.

Course X. Neuro-Anatomy. Laboratory, 22 hours. Required of all first-year students. Assistant Professor STRAUSS and assistant.

Course X. Neuro-Anatomy. Laboratory, 22 hours. Required of all first-year students. Assistant Professor STRAUSS and assistant.

5. **Applied Anatomy.** First term of the second year. Laboratory, 66 hours. Professor HAYNES.

6. **Elective Courses Preparatory to the Specialties.** Optional for students of the third and fourth years. Laboratory, 40 hours. Professors STOCKARD and HAYNES and instructors.

7. **Elective Courses for Advanced Students.** Course I. General Histology. Twenty lectures, March to June. Dr. GUDERNATSCH. Registration not later than January.

Course II. Phases of Histogenesis. Ten lectures from March to June. Assistant Professor BURROWS.

Course III. The Anatomy of the Infant. Twenty lectures from January to March. Assistant Professor BALDWIN.

Course IV. Developmental Arrests and Structural Deficiencies. Fifteen lectures from January to March. Professor STOCKARD.

Course V. Experimental Embryology. Twenty lectures with conferences considering the recent literature of the subject. March to June. Professor STOCKARD.

8. **Anatomical Research.** Directed by members of the staff of instruction.

PHYSIOLOGY

Physiology. Third term of first year: four lectures a week, three laboratory periods, two conferences quizzes, and a written review. First term of second year: lectures daily, three laboratory periods, conference quizzes, and written reviews; fortnightly seminary.

Physiology, Experimental and Clinical. This course immediately follows the preceding course.

The staff in the Department of Physiology is composed of Professor LUSK, Assistant Professors MURLIN and WIGGERS, Dr. DuBOIS, and Mr. RICHE.

CHEMISTRY

Organic Chemistry. First year. First term: two lectures a week. Second term: two lectures, one recitation, and two laboratory periods each week.

Physiological Chemistry. Third term: three lectures, two recitations, and three laboratory periods each week.

Chemical Pathology. Third term. One lecture a week.

Research in Chemistry. For advanced students by appointment.

The staff in the Department of Chemistry is composed of Professor BENEDICT, and Messrs. BOCK and OSTERBERG.

PHARMACOLOGY AND MATERIA MEDICA

1. **Elementary Pharmacy, Toxicology, and Principles of Prescription Writing.** Four hours a week during the first term.

2. **Advanced Pharmacy, Elective.** By appointment.

3. **Systematic Pharmacology.** Second and third terms: forty-five hours devoted to lectures, conferences, and written reviews. Professor HATCHER.

4. **Laboratory in Pharmacology.** Ninety hours. Professor HATCHER and Dr. EGGLESTON.

5. **Research.** Elective. Under the supervision of members of the staff.

APPLIED PHARMACOLOGY

One didactic lecture each week throughout the third year and clinical demonstrations (52 hours) in the wards of Bellevue Hospital. Professor COLEMAN and Dr. DuBois.

MEDICINE

Second Year. Recitations; physical diagnosis (96 hours).

Third Year. Recitations (two each week) and written reviews; lectures (twenty-two in number); weekly clinics in Bellevue Hospital; physical diagnosis; practical work in the New York Hospital (5½ weeks).

Fourth Year. Practical work in Bellevue Hospital; clinical clerkships in the College Dispensary.

CLINICAL PATHOLOGY

Third Year. Laboratory, lectures, and recitations (100 hours).

Fourth Year. Laboratory and research by appointment.

Research for graduate students by appointment.

The staff in medicine and clinical pathology is composed of Professors THOMPSON, HASTINGS, LAMBERT, NAMMACK, CONNER, and Assistant Professors FOSTER, THRO, and NILES.

NEW YORK HOSPITAL, CORNELL MEDICAL DIVISION

Director, Professor of Medicine (in general charge).

Hospital and University Appointees

Attending Physician, Professor of Clinical Medicine. Associate Attending Physician, Assistant Professor of Medicine. Associate Attending Physician, Instructor in Clinical Medicine. Clinical Pathologist, Instructor in Clinical Medicine. Pathologist, Professor of Bacteriology. Two Assistant Pathologists.

House Staff, Two Years Service

House Physician. First Senior Assistant Physician. Second Senior Assistant Physician. Junior Assistant Physician. Fellow in Medicine. Clinical Clerks (in sections of 10).

BELLEVUE HOSPITAL, CORNELL (SECOND MEDICAL) DIVISION**Hospital and University Appointees**

Director (Professor of Medicine). Two Visiting Physicians (*a.* Professor of Applied Pharmacology; *b.* Professor of Therapeutics). Two Assistant Visiting Physicians (*a.* Professor of Clinical Pathology; *b.* Assistant Professor of Clinical Medicine). Five Adjunct Assistant Visiting Physicians. (*a.* Chief of Clinic Out-Patient Department; *b.* Instructor in Medicine; *c.* Instructor in Therapeutics; *d.* Instructor in Physical Diagnosis; *e.* Lecturer in Clinical Physiology). One Resident Clinical Pathologist. One Visiting Ophthalmologist. Five House Staff (*a.* House Physician 2 years; *b.* Senior Physician 2 years; *c.* Junior Physician 2 years; *d.* Junior Physician 2 years; *e.* Physician 1½ years).

University Appointees

Five Laboratory Collaborators (*a.* Physiological Chemistry; *b.* Physiology; *c.* Experimental Therapeutics; *d.* Pathology; *e.* Clinical Pathology). Clinical Clerks (in sections of ten); Clinical Pathologist for Clinical Clerks. Clinical Pathologist for Division Laboratory. Trained Nurse to aid Clinical Clerks. Four trained nurses to aid metabolism research.

This entire staff is on continuous duty throughout the college year, and during the summer season the service is maintained by a considerable portion of the staff.

In addition to the regular hospital appointees and internes, the Medical College supplies from its Department of Medicine for service in Bellevue Hospital a corps of laboratory assistants, research workers, and a special nurse.

GENERAL THERAPEUTICS

Didactic Lectures. One hour a week during the last term of the third and throughout the fourth year. Required of third and fourth-year students. Professor MEARA.

Clinical Clerkships. In conjunction with the Department of Medicine this department offers to each student a "clerkship" in the wards of Bellevue Hospital for a continuous period of service, half of which time will be devoted especially to problems of medicine and half to those of therapeutics.

Recitations. One hour a week for fifteen weeks, February to May. Required of fourth-year students. Dr. GOODRIDGE.

Section work in the College Dispensary. For students in the fourth year. Drs. SICARD and WEBSTER.

Research. For qualified students by appointment.

SURGERY

Second Year. Recitations; surgical examination and diagnosis in the College Dispensary; operative surgery.

Third Year. Recitations; sections in the New York Hospital (three hours a week, first term), and in the College Dispensary (one hour a week, second term); clinics in Bellevue Hospital (first term); lectures (thirty-three in number, first term); weekly college clinic, first term; practical surgery at the New York Hospital (second and third terms).

Fourth Year. First term: lectures and clinics. Second term: clinical clerkships in Bellevue Hospital (six weeks). Third term: practical surgery at the New York Hospital.

The staff in this department is composed of Professors STIMSON, TAYLOR, WOOLSEY, ROGERS, COLEY, and HAYNES; Adjunct Professor GIBSON; Assistant Professors HARTWELL and HITZROT, and Drs. LEE, HOGUET, WING, ERDMAN, HOAG, and PEARSON.

HOSPITAL WORK

New York Hospital, Cornell (First Surgical) Division. The staff of instruction is composed of Adjunct Professor GIBSON, Assistant Professor HITZROT, and Dr. LEE.

Bellevue Hospital, Cornell (Second Surgical) Division. The staff of instruction is composed of Professors STIMSON, WOOLSEY, and ROGERS; Assistant Professors HARTWELL and HITZROT; and Drs. LEE, ERDMAN, and HOGUET.

OBSTETRICS

Instruction in this department is given during the second and third years of the curriculum. The work in obstetrics comprises: 1. recitations; 2. lectures; 3. obstetric clinics and conferences; 4. attendance upon cases of confinement; 5. manikin practice and section work; 6. obstetric histology, pathology, and bacteriology.

The staff of instruction in obstetrics is composed of Professor EDGAR and Drs. BAILEY, HAMILLEN, MOORE, and SANTEE.

PATHOLOGY

1. **General Pathology.** Lectures, and museum and microscopical demonstrations, 99 hours. Required in the third term of second year.

2. **Special Pathology.** Lectures, and museum and microscopical demonstrations, 168 hours. Required in first and second terms of third year. Professors EWING and SCHLAPP, and Drs. TYLER, L'ESPERANCE, and GERE. Weekly recitations required in connection with course I and 2.

3. **Pathological Anatomy.** Lectures and demonstrations, 108 hours. Required in the third term of second year, and in the first and second terms of third year. Professor SCHULTZE and assistant.

4. **Medico-legal Pathology.** Third and fourth years. Professor SCHULTZE.

5. **Autopsy Technics.** Fourth year, Two-hour periods twice a week during five weeks of the first term, and one week for ten weeks during the second term. Professor SCHULTZE and Dr. NORRIS and assistants.

6. **Special Pathology.** Lectures on special topics in pathology are given during the third and fourth years. Professors EWING, ELSER, SCHULTZE, TORREY, and SCHLAPP.

EXPERIMENTAL PATHOLOGY

Facilities are provided in the Loomis Laboratory for research in experimental pathology, bacteriology and hygiene, serum pathology, chemical pathology, and micro-photography. The members of this staff include: Professor TORREY, Dr. COCA, Dr. TEAGUE, Mr. RAHE, and others.

Since 1904 the work of the Huntington Fund for Cancer Research has been located in the Laboratories of the Cornell University Medical College. The organized work in connection with this subject has been distributed among the Departments of Pathology, Professor EWING; Experimental Pathology, Dr. COCA and Dr. TEAGUE; Chemistry, Professor BENEDICT; Anatomy, Professor STOCKARD; Experimental Therapeutics, Professors BEEBE and WEIL. Clinical studies are being conducted at the General Memorial Hospital under Professors EWING, WEIL, and COLEY, and Drs. SAMUEL BROWN and H. H. JANEWAY; at Bellevue Hospital under Professor HARTWELL; at the New York Hospital in connection with the Department of Pathology under Professor ELSER; and in Comparative Medicine under A. SCHLESINGER, D.V.S.

BACTERIOLOGY

Laboratory work and lectures, 165 hours. Required in the second year. Professor ELSE and Dr. HUNTOON.

EXPERIMENTAL THERAPEUTICS

Research. In the Loomis Laboratory, for qualified students, by appointment.

The staff in this department is composed of Professor BEEBE, Assistant Professor WEIL, Dr. VAN ALSTYNE, and Dr. COOKE, Miss RAHE, Dr. FELDSTEIN, and Mr. DUNN.

NEUROLOGY

Third Year. Lectures and demonstrations (Professor DANA); clinics.

Fourth Year. Clinics; sections; clinical clerkships.

The staff in this department is composed of Professor DANA, Assistant Professor FRAENKEL, and Dr. KENNEDY.

PSYCHO-PATHOLOGY

Fourth Year. Didactic lectures; clinical demonstrations and practical exercises.

The staff in this department is composed of Professor HOCH and Drs. MYERS, WRIGHT, and MACCUDY.

PEDIATRICS

Third Year. Weekly clinical lectures.

Fourth Year. Weekly clinical lectures; sections in the dispensary, two hours a week; clinical clerkships in the New York Hospital.

The staff in this department is composed of Professor WINTERS, and Drs. SHANNON, ROPER, and TYRRELL.

GYNECOLOGY

Fourth Year. Conferences; lectures; ward studies and demonstrations (three each week during second term); clinics (weekly during first term); and laboratory demonstrations.

The staff in this department is composed of Professor POLK, Assistant Professor BARROWS, Dr. WARD, and Drs. HAMLEN and BROWN.

UROLOGY

Third Year. Clinics in Bellevue Hospital, weekly during first and second terms; lectures, ten in number, first term; sections in the College Dispensary, first term.

Fourth Year. Clinical clerkships.

The staff in this department is composed of Professor KEYES and Drs. MACKENZIE and BARRINGER.

DERMATOLOGY

Fourth Year. Demonstrations, 28 hours.

The staff in this department is composed of Professor ELLIOTT, Assistant Professor JOHNSTON, and Drs. SCHWARTZ and HEIMANN.

LARYNGOLOGY AND RHINOLOGY

Fourth Year. Didactic lectures and clinical exercises. Professor SMITH and Dr. BURKE.

OPHTHALMOLOGY

Fourth Year. Third term. Section teaching, two hours a week during eleven weeks. Professor REESE and Drs. WHEELER and VANDEGRIFT.

OTOLOGY

Fourth Year. Sections in the College Dispensary (15 hours). Professor WHITING, and Dr. McAULIFFE.

ORTHOPEDIC SURGERY

Fourth Year. Second term; weekly didactic and clinical lectures; ward work in the Hospital for the Ruptured and Crippled, three mornings a week for six weeks. Third term: the use of plaster of Paris and of braces. Professor WALLACE, and Drs. CILLEY, RILEY, and WHITEBECK.

RADIOLOGY

Fourth Year. Lectures and demonstrations (nine hours). Professor COLE and Dr. HOLDING.

HYGIENE

Third Year. Lectures (ten hours). Dr. TORREY.

Fourth Year. Lectures (twelve hours). Dr. TORREY.

MEDICAL JURISPRUDENCE

This subject is covered in the regular courses of study by several departments and by special lectures. Professor HOCH, Professor EDGAR, Professor HATCHER, and Dr. SCHULTZE.

COURSES OF INSTRUCTION IN THE ITHACA DIVISION OF THE MEDICAL COLLEGE

ANATOMY

Courses 1, 2, 3, 4, 5, and 6 are required of first-year medical students.

1. **Anatomy of the Head and Neck.** First term. Credit four hours, twenty-two actual hours a week for seven weeks. Professor KERR, Mr. DAVIS, Mr. McCORKLE, and Mr. POTTER. Laboratory work; dissection and conference.
2. **Anatomy of the Thoracic Walls and Viscera.** First term. Credit, one hour, twenty-two actual hours a week for two weeks. Professor KERR, Mr. DAVIS, Mr. McCORKLE, and Mr. POTTER. Laboratory work; dissection and conferences.
3. **Anatomy of the Abdominal and Pelvic Walls and Viscera.** First term. Credit four hours, twenty-two actual hours a week for seven weeks. Professor KERR, Mr. DAVIS, Mr. McCORKLE, and Mr. POTTER. Laboratory work; dissections and conferences.
4. **Anatomy of the Head and Neck, Thorax, and Abdomen.** First term. Credit included in Courses 1, 2, and 3. Professor KERR, Mr. DAVIS, Mr. McCORKLE, and Mr. POTTER. Lectures, demonstrations, and recitations.
5. **Anatomy of the Central Nervous System.** Second term. Credit, two hours, five actual hours a week. Professor KERR and Mr. DAVIS. Dissection with occasional demonstrations and recitations.
6. **Anatomy of the Living Body.** Second term. Credit one hour, two actual hours a week. Mr. DAVIS.
7. **Anatomy of the Upper Extremity.** First and second terms. Credit, two to three hours. Professor KERR and Mr. DAVIS. Laboratory work; dissection and conference.
8. **Anatomy of the Lower Extremity.** First and second terms. Credit, two to three hours. Professor KERR and Mr. DAVIS. Laboratory work; dissection and conference.
9. **Topographical Anatomy.** First and second terms. Credit, two to five hours. Prerequisite anatomy courses 1, 2, 3, 4, 7, or 8. Professor KERR.
12. **Research in Anatomy.** For qualified students. First and second terms. Professor KERR.

HISTOLOGY AND EMBRYOLOGY

Courses 10, 10a, and 5 are required of students of medicine.

10. **Histology and Embryology.** First term. Credit six hours. Professor KINGSBURY and Mr. KINGERY. Four laboratory periods and two lectures each week.
- 10a. **Histology and Embryology.** First term. Credit, three hours. Professor KINGSBURY. Two laboratory periods and one lecture-conference each week.
5. **The Nervous System and Organs of Sense.** Second term. Credit, two hours. Professor KINGSBURY. Two laboratory periods with laboratory conferences and quizzes.
3. **Special Histology and Technique.** First term. Credit, three hours. Professor KINGSBURY and Mr. KINGERY. One recitation, demonstration, or lecture. Two laboratory periods by assignment.
7. **Advanced Work in Histology and Embryology.** First and second terms. Professor KINGSBURY and Instructors. Laboratory work, eight or more actual hours a week, with seminary. Prerequisite courses 10 and 3 and a reading knowledge of French and German.
8. **Seminary.** First and second terms. One hour each week.

DEPARTMENT OF PHYSIOLOGY AND BIOCHEMISTRY

Courses 1, 2, 3, 4, 5, 7, and 15 are required of students of medicine.

1. **Physiology of the Cell, Muscle, Nerve, Heart and Circulation, Blood and Lymph, and Respiration.** First term. Credit, three hours. Professor SIMPSON, Assistant Professor DRESBACH, and assistants. Three lectures or recitations weekly with demonstrations.
2. **Physiology of Digestion, Excretion, Internal Secretion, Animal Heat, and Reproduction.** Second term. Credit, three hours. Professor SIMPSON, Assistant Professor DRESBACH, and assistants. Five lectures or recitations weekly for the first ten weeks of the term, with demonstrations and examinations.
4. **Experimental Physiology.** Second term. Credit, five hours. Professor SIMPSON, Assistant Professor DRESBACH, and assistants. Two six-hour laboratory periods a week.
5. **Physiology of the Nervous System and Special Senses.** Second term. Credit, two hours. Professor SIMPSON. Lectures, five weekly for the last six weeks of the term.
7. **Seminary.** Second term. Credit, one hour.
8. **Advanced Work and Research.** For qualified students, by appointment.
15. **General Biochemistry.** Second term. Credit, five hours. Two lectures or recitations and three three hour laboratory periods weekly. Assistant Professor SUMNER and Mr. HILL.
17. **Special Chapters in Biochemistry.** First term. Credit, one hour. Assistant Professor SUMNER. Lectures.
20. **Advanced Work and Research in Biochemistry.** First and second terms. Assistant Professor SUMNER and Mr. HILL.

Courses 32. Required course. See page 83.

THE VETERINARY COLLEGE

For detailed information concerning the work of the Veterinary College, candidates for admission to that college should consult the Announcement of the Veterinary College which will be sent gratis on application to the Secretary of the University.

FACULTY

- JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.
 VERANUS ALVA MOORE, B.S., M.D., V.M.D., Professor of Comparative Pathology, Bacteriology and Meat Inspection, Director of the College.
 JAMES LAW, F.R.C.V.S., Professor of Principles and Practice of Veterinary Medicine. Emeritus.
 SIMON HENRY GAGE, B.S., Professor of Histology. Emeritus.
 WALTER LONG WILLIAMS, Professor of Principles and Practice of Veterinary Surgery, Obstetrics, Zootechny, and Jurisprudence.
 PIERRE AUGUSTINE FISH, D.Sc., D.V.M., Professor of Veterinary Physiology, and Secretary of the Faculty.
 GRANT SHERMAN HOPKINS, D.Sc., D.V.M., Professor of Veterinary Anatomy and Anatomical Methods.
 DENNIE HAMMOND UDALL, B.S.A., D.V.M., Professor of Veterinary Medicine and Hygiene.
 HOWARD JAY MILKS, D.V.M., Professor of Therapeutics and Small Animal Clinic.
 SAMUEL HOWARD BURNETT, M.S., D.V.M., Professor of Comparative Pathology and Bacteriology.
 JAMES NATHAN FROST, D.V.M., Assistant Professor of Veterinary Surgery.
 EARL SUNDERVILLE, D.V.M., Assistant Professor of Veterinary Anatomy.
 CLIFFORD PENNY FITCH, A.M., D.V.M., Assistant Professor of Pathology and Bacteriology.
 CHARLES ERNEST HAYDEN, A.B., D.V.M., Assistant Professor of Veterinary Physiology.
 FREDERICK KOENIG, D.V.M., Assistant Professor of Veterinary Medicine.
 RAYMOND RUSSELL BIRCH, B.S., D.V.M., Superintendent of Veterinary Experiment Station.
 EARL MAX PICKENS, D.V.M., Assistant Professor of Diagnosis.
 HENRY ASMUS, Assistant Professor of Farriery.
 WILLIAM EDWARD MULDOON, D.V.M., Instructor in Materia Medica.
 ARTHUR LEWIS SMITH, D.V.M., Instructor in Medicine.
 HOWARD ECKLER JOHNSON, D.V.M., Instructor in Anatomy.
 CLARENCE WENTWORTH WEBBER, D.V.M., Assistant in Surgery.
 CLYDE ARMSTRONG GARDNER, D.V.M., Assistant in Diagnosis.
 SAMUEL A. GOLDBERG, D.V.M., Assistant in Pathology.
 ALFRED THOMAS BAESZLER, D.V.M., Assistant in Anatomy.
 JAMES FREMONT SHIGLEY, Student Assistant in Bacteriology.

Nonresident Lecturers for 1913-14

W. B. Switzer.....	Oswego	J. W. Adams.....	Philadelphia, Pa.
Theobald Smith.....	Boston, Mass.	W. G. Hollingworth.....	Utica
J. C. Buckley.....	Detroit, Mich.	G. T. Stone.....	Norwich
G. L. Flanders.....	Albany	H. S. Beebe.....	Albion

THE VETERINARY COLLEGE

Instruction in veterinary subjects has been a part of the work of Cornell University since its foundation. During the earlier years of the University, this instruction was in charge of the Department of Agriculture, and it was continued as a distinctive part of the work of the College of Agriculture when in 1888 that college was created as the successor of the Department of Agriculture.

The Veterinary College was established as a separate college of Cornell University in the year 1894, in accordance with an Act of the Legislature of the State of New York creating a State Veterinary College at Cornell University.

The Veterinary College as it exists today is supported by the State of New York, and is administered by Cornell University under the direction of a committee of its Board of Trustees known as the Veterinary College Council. In respect of all academic interests, the Veterinary College is an integral part of Cornell University.

For admission to the Veterinary College, see page 35; for tuition in the Veterinary College, see page 42.

THE DEGREE OF DOCTOR OF VETERINARY MEDICINE

The undergraduate instruction for regular students in the Veterinary College leads to the degree of Doctor of Veterinary Medicine, the requirement for which is the completion of one of the following curricula.

Curriculum of Three Years

FIRST YEAR				
	No. Course	Credit 1st Term	Credit 2d Term	Total of Actual Hours
Inorganic Chemistry.....	1	6	—	135
Histology and Embryology.....	6	3	5	210
Anatomy	1	3	—	}383
"	2	1	—	
"	3	3	—	
"	4	—	5	
Physiology	10	3	—	}165
"	12	—	3	
"	14	—	2	
Feeding Animals.....	1	—	2	38
Animal Breeding.....	2	—	2	30
		19	19	961
SECOND YEAR				
Anatomy	5	4	—	}225
"	6	2	—	
Physiology	11	1	—	15
"	13	1	—	15
Pharmacology	20	2	—	30
Materia Medica and Pharmacy.....	21	2	—	75
General Pathology.....	40	4	—	105
Special Pathology.....	41	—	2	53
Parasites	44	2	—	53
Small Animal Clinic.....	25	—	1	45
Consulting Clinic.....	53	—	1	45
Bacteriology	43	—	5	143
General Surgery.....	30	—	4	97
Physical Diagnosis.....	51	—	2	30

	No. Course	Credit 1st Term	Credit 2d Term	Total of Actual Hours
Horseshoeing	52	—	1	15
Ophthalmology	55	—	1	15
Hygiene	56	1	—	15
Horseshoeing Exercises.....	57	—	1	45
		19	18	1029

THIRD YEAR

Urine Analysis.....	15	1	—	45
Diseases of Small Animals.....	22	—	2	30
Materia Medica and Therapeutics.....	23	2	—	30
Surgical Exercises.....	31	1	—	45
Special Surgery.....	32	4	—	60
Obstetrics.....	36	—	4	60
Infectious Diseases.....	42	—	2	30
Special Pathology.....	41	2	—	53
Small Animal Clinic.....	25	1	1	90
Consulting and Medical Clinic.....	53	1	1	90
Surgical Clinic.....	34	2	2	180
Ambulatory Clinic.....	37	1	1	90
Medicine.....	50	5	5	150
Meat and Dairy Inspection.....	48	—	1	—
Hygiene.....	46	—	1	—
		20	19	968

The Optional Curriculum of Four Years

FIRST YEAR

Inorganic Chemistry.....	1	6	—	135
Histology and Embryology.....	6	3	5	250
Anatomy	1	3	—	} 383
"	2	1	—	
"	3	3	—	
"	4	—	5	
Physiology	10	3	—	} 165
"	12	—	3	
"	14	—	2	
Feeding Animals.....	1	—	2	38
Animal Breeding.....	2	—	2	30
		19	19	961

SECOND YEAR

Anatomy	5	4	—	} 225
"	6	2	—	
Physiology	11	1	—	15
"	13	1	—	15
Pharmacology	20	2	—	30
Materia Medica Laboratory.....	21	2	—	75
General Pathology.....	40	4	—	105
Special Pathology.....	41	—	2	53
Parasites	44	2	—	53
Bacteriology	43	—	5	143
General Surgery.....	30	—	4	97
*Chemistry	6	—	5	143
		18	16	954

THIRD YEAR

	No. Course	Credit 1st Term	Credit 2d Term	Total of Actual Hours
Urine Analysis.....	15	1	—	45
Diseases of Small Animals.....	22	—	2	30
Materia Medica and Therapeutics.....	23	2	—	30
Special Pathology.....	41	2	—	53
Small Animal Clinic.....	25	—	1	45
Consulting and Medical Clinic.....	53	—	1	45
Physical Diagnosis.....	51	—	2	30
Horseshoeing.....	52	—	1	15
Ophthalmology.....	55	—	1	15
Hygiene.....	56	1	—	15
Clinical Examination of Blood.....	62	—	2	53
Organic Chemistry (optional).....	32	4	—	90
The Horse (optional).....	5	—	4	90
Milk Composition and Tests (optional)...	1	2	—	53
Horseshoeing Exercises.....	57	—	1	45
Meat and Dairy Inspection.....	48	—	1	15
Optional.....		7	4	150
		19	20	819

FOURTH YEAR

Special Surgery.....	32	4	—	60
Obstetrics.....	36	—	4	60
Surgical Exercises.....	31	1	—	45
Pathology of Infectious Diseases.....	42	—	2	30
Small Animal Clinic.....	25	1	1	90
Consulting and Medical Clinic.....	53	1	1	90
Surgical Clinic.....	34	2	2	180
Ambulatory Clinic.....	37	1	1	90
Medicine.....	50	5	5	150
Toxicology (optional).....	80	2	—	30
Market Milk and Milk Inspection (optional).....	6	—	2	53
Post Mortem Examinations.....	47	2	2	150
		19	20	1028

For the Curriculum of Six Years in Agriculture and Veterinary Medicine, see page 118.

SCHOLARSHIPS AND PRIZES

The Horace K. White Prizes; The Hollingworth Honorarium for Research; The Jane Miller Prize; and The James Gordon Bennett Prize are awarded to students in the Veterinary College. For these and for the scholarships and prizes that are open to all students of the University, see page 154.

Student Assistants. Three positions as student assistant are open to capable veterinary students in their senior year (salaries from \$125 to \$300 a year).

STUDY FOR PRACTITIONERS

Veterinarians who are legally authorized to practise at their places of residence will be admitted to any class in the College at any time and for such period as they may elect, without entrance examination. They will be entirely free to elect any studies that are being regularly taught at the time, and may enjoy all opportunities and facilities offered to regular students as long as these opportunities do not interfere with the instruction of the regular students.

No tuition will be required from licensed veterinarians practising in the State of New York.

COURSES OF INSTRUCTION

ANATOMY

1. **Comparative Osteology.** Three hours. First term, one lecture and five laboratory periods each week; second term, three laboratory periods each week. Professor HOPKINS and assistants.
2. **Arthrology.** One hour. First term. Professor HOPKINS and assistants.
3. **Myology and Abdominal Viscera.** Three hours. First term. Lectures and laboratory. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
4. **Myology, Thoracic and Abdominal Viscera, Lymphatic System and Organs of Special Senses.** Five hours. Second Term. Lectures, written reviews, and recitations. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
5. **Blood Vessels and Nerves of the Arm and Leg.** Three hours. First term. Laboratory. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
6. **Blood Vessels and Nerves of the Head; the Central Nervous System and Genital Organs.** Three hours. First term. Laboratory. Professor HOPKINS, Assistant Professor SUNDERVILLE, and assistants.
7. **Advanced Anatomy.** Two or more hours. Laboratory. Professor HOPKINS and Assistant Professor SUNDERVILLE.

PHYSIOLOGY

10. **Physiology Recitations.** First term, credit three hours. Professor FISH and Assistant Professor HAYDEN.
11. **Physiology Recitations.** First term, credit one hour. Professor FISH and Assistant Professor HAYDEN.
12. **The Physiology of the Nutrition and Secretion of the Domesticated Animals.** Second term, credit three hours. Professor FISH.
13. **The Physiology of the Muscular and Nervous Systems.** First term, credit one hour. Professor FISH.
14. **Physiological Laboratory.** Second term, five hours a week. Professor FISH, Assistant Professor HAYDEN, and assistants.
15. **Urine Analysis.** Laboratory. First term, three hours a week. Professor FISH, Assistant Professor HAYDEN, and assistants.
16. **Advanced Physiology.** Laboratory, reading, and reports. Five or more hours a week. Professor FISH and assistants.

MATERIA MEDICA AND SMALL ANIMAL CLINIC

20. **Pharmacology.** Recitations. First term, two hours. Professor MILKS.
21. **Materia Medica and Pharmacy Laboratory.** First term, five hours a week. Professor MILKS and Dr. MULDOON.
22. **Diseases of the Small Animals.** Second term, two hours a week. Professor MILKS.
23. **Recitations in Materia Medica and Therapeutics.** First term, two hours. Professor MILKS.
24. **Advanced Work in Materia Medica.** Laboratory, reading, and reports. Five or more hours a week. Professor MILKS and Dr. MULDOON.
25. **Small Animal Clinic.** Six actual hours a week. Professor MILKS and Dr. MULDOON. Students in this course substitute course 53 in alternate months.

SURGERY, OBSTETRICS, ZOOTECHNICS, AND JURISPRUDENCE

30. **General Surgery.** Second term, four recitations or laboratory periods a week. Assistant Professor FROST. Prerequisite courses 1, 2, and 3 in anatomy, course 12 in physiology, course 6 in histology and embryology, and course 4 in general pathology.
31. **Surgical Exercises.** Three hours a week. First term. Professor WILLIAMS, Assistant Professor FROST, and Dr. Webber.
32. **Special Surgery.** First term, four lectures or recitations a week. Professor WILLIAMS.
34. **Surgical Clinics.** Six actual hours or more a week throughout the year. Professor WILLIAMS, Assistant Professor FROST, and Dr. Webber. Prerequisites, courses 30 and 31.
35. **Jurisprudence.** One lecture a week during February. Professor WILLIAMS.

36. **Obstetrics and Zootechnics.** Four lectures or recitations a week. Second term. Professor WILLIAMS. Prerequisite, course 30.
37. **Ambulatory or Out-Clinic in Obstetrics, Surgery and Medicine.** Throughout the third year. Professors UDALL and WILLIAMS, Assistant Professor FROST, and Drs. F. F. KOENIG, A. L. SMITH, and WEBBER.

COMPARATIVE PATHOLOGY, BACTERIOLOGY, AND MEAT INSPECTION

40. **General Pathology.** First term. Prerequisites, normal histology and at least one year's work in anatomy and physiology. Two recitations and five hours laboratory work each week. Professors MOORE and BURNETT.
41. **Special Pathology.** Throughout the year. Prerequisite course 40. One lecture and one laboratory period each week. Professor BURNETT.
42. **Pathology of Infectious Diseases.** Second term. Open to students who have taken courses 40 and 41, and have taken or are taking course 43. Two hours. Recitations. Professor MOORE.
43. **Bacteriology.** Second term. Five hours. Open to students who have taken or are taking course 6 in microscopy. Two lectures and 7½ hours laboratory work each week. Professor MOORE and Assistant Professor FITCH. The lectures may be taken as a two hour course.
44. **Parasites.** Recitations and laboratory. Assistant Professor FITCH.
45. **Research in Bacteriology and Pathology.** Prerequisite courses 40 and 43. Professor MOORE, Professor BURNETT, and Assistant Professor FITCH.
46. **Laboratory Methods of diagnosis.** Prerequisite courses 40 and 43.
47. **Post Mortem Examinations.** Throughout the year. Dr. BURNETT and Mr. GOLDBERG.
48. **Meat and Dairy Inspection.** One hour. Second term. Professor MOORE.

VETERINARY MEDICINE

50. **Veterinary Medicine, Principles and Practice.** Credit five hours. Lectures or recitations. Professor UDALL.
51. **Physical Diagnosis.** Second term, credit two hours. Recitations or lectures. Dr. F. F. KOENIG.
52. **Horseshoeing.** Lectures or recitations. second term. Credit, one hour. Dr. F. F. KOENIG.
53. **Consulting and Medical Clinic.** Three actual hours a week for three terms. Credit, one hour. Professor UDALL, and Drs. F. F. KOENIG and A. L. SMITH.
55. **Ophthalmology.** One lecture or recitation a week, second term. Dr. F. F. KOENIG.
56. **Hygiene.** One lecture or recitation a week, first term. Dr. F. F. KOENIG.
57. **Horseshoeing Exercises.** Three actual hours a week, second term. Credit, one hour. Mr. HENRY ASMUS.
- Ambulatory Clinic.** See course 37.
- Special Lectures.** During the year, lectures on special topics in medicine will be given by practitioners and teachers of veterinary medicine. These will form a part of the instruction in this department.

COURSES FOR GRADUATES

60. **Advanced Bacteriology.** Laboratory work throughout the year. Prerequisite course 43, and also elementary chemistry and a reading knowledge of French and German. Professor MOORE and Assistant Professor FITCH.
61. **Advanced Pathology.** Laboratory work throughout the year. Open to students who have taken course 40 and have taken or are taking course 43. Professor MOORE and Professor BURNETT.
62. **Clinical Examination of the Blood.** Second term, credit two hours. One lecture and three hours laboratory work. Prerequisite course 40. Professor BURNETT.
- Seminaries or special conferences for advanced and for graduate students are conducted by the various departments of the college.

Library. For the Roswell P. Flower Library, and for other library facilities, see page 153.

THE COLLEGE OF AGRICULTURE

For detailed information concerning the work of the College of Agriculture, candidates for admission to that college should consult the Announcement of the College of Agriculture which will be sent gratis on application to the Secretary of the University.

Instruction in agricultural subjects has been a part of the work of Cornell University since its foundation. The Department of Agriculture, which had charge of this instruction during the earlier years of the University, was in 1888 succeeded by the College of Agriculture, which was in that year organized and established as a separate college of the University. In 1904 the College of Agriculture became, by an Act of the Legislature, the New York State College of Agriculture, and the equipment of the College of Agriculture of Cornell University along with the annual appropriations made by the University for the support of agricultural instruction, was employed and continued to be employed to strengthen and support the work of the New York State College of Agriculture.

The College of Agriculture as it exists today is in large part supported by the State of New York, and is administered by Cornell University under the direction of a committee of its Board of Trustees known as the Agricultural College Council. In respect of all academic interests, the College of Agriculture is an integral part of Cornell University.

The Federal Experiment Station at Cornell University was organized in 1887, and is in charge of the Director of the College of Agriculture. The annual federal appropriation is devoted wholly to experimental work and research in the Departments of Plant Breeding, Soil Technology, and Entomology.

FACULTY

JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.

BEVERLY THOMAS GALLOWAY, B.Agr. Sc., LL.D., Director of the College of Agriculture and Dean of the Faculty.

ISAAC PHILLIPS ROBERTS, M.Agr., Professor of Agriculture, Emeritus.

JOHN HENRY COMSTOCK, B.S., Professor of Entomology and General Invertebrate Zoology, Emeritus.

HENRY HIRAM WING, M.S. in Agr., Professor of Animal Husbandry.

THOMAS LYTLETON LYON, Ph.D., Professor of Soil Technology.

JOHN LEMUEL STONE, B.Agr., Professor of Farm Practice.

JAMES EDWARD RICE, B.S.A., Professor of Poultry Husbandry.

GEORGE WALTER CAVANAUGH, B.S., Professor of Chemistry in its Relations to Agriculture.

GEORGE NIEMAN LAUMAN, B.S.A., Professor of Rural Economy.

HERBERT HICE WHETZEL, M.A., Professor of Plant Pathology.

ELMER O. FIPPIN, B.S.A., Extension Professor of Soil Technology.

GEORGE FREDERICK WARREN, Ph.D., Professor of Farm Management.

WILLIAM ALONZO STOCKING, JR., M.S.A., Professor of Dairy Industry.

CHARLES SCOON WILSON, A.B., M.S.A., Professor of Pomology.

CHARLES HENRY TUCK, A.B., Professor of Extension Teaching.

ALBERT RUSSELL MANN, B.S.A., Secretary to the College of Agriculture, Registrar, and Professor of Agricultural Editing.

WILFORD MURRAY WILSON, M.D., Professor of Meteorology.

RALPH SHELDON HOSMER, B.A.S., M.F., Professor of Forestry.

JAMES GEORGE NEEDHAM, Ph.D., Professor of Entomology and Limnology.

BRYANT FLEMING, B.S.A., Professor of Landscape Art.

- ROLLINS ADAMS EMERSON, B.Sc., Ph.D., Professor of Plant Breeding.
HARRY HOUSER LOVE, Ph.D., Professor of Plant Breeding Investigations.
ARTHUR WITTER GILBERT, Ph.D., Professor of Plant Breeding.
DONALD REDDICK, Ph.D., Professor of Plant Pathology.
EDWARD GERRARD MONTGOMERY, M.A., Professor of Farm Crops.
GEORGE ALAN WORKS, B.Ph., M.S. in Agr., Professor of Rural Education.
FLORA ROSE, B.S., M.A., Professor of Home Economics.
MARTHA VAN RENSSELAER, A.B., Professor of Home Economics.
WILLIAM ALBERT RILEY, Ph.D., Professor of Insect Morphology and Parasitology.
JAMES ADRIAN BIZZELL, Ph.D., Professor of Soil Technology.
GLENN WASHINGTON HERRICK, B.S.A., Professor of Economic Entomology and Entomologist of the Experiment Station.
HOWARD WAIT RILEY, M.E., Professor of Rural Engineering.
HAROLD ELLIS ROSS, M.S.A., Professor of Dairy Industry.
HUGH CHARLES TROY, B.S.A., Professor of Dairy Industry.
SAMUEL NEWTON SPRING, B.A., M.F., Professor of Forestry.
KARL MCKAY WIEGAND, Ph.D., Professor of Botany.
WILLIAM HENRY CHANDLER, M.S. in Agr., Professor of Research in Pomology.
ARTHUR BERNHARD RECKNAGEL, B.A., M.F., Professor of Forestry.
MERRITT WESLEY HARPER, M.S., Professor of Animal Husbandry.
CYRUS RICHARD CROSBY, A.B., Extension Professor of Entomology.
ELMER SETH SAVAGE, M.S.A., Ph.D., Professor of Animal Husbandry.
KENNETH CARTER LIVERMORE, B.S. in Agr., Ph.D., Professor of Farm Management.
EDWARD ALBERT WHITE, B.S., Professor of Floriculture.
ALVIN CASEY BEAL, Ph.D., Professor of Floriculture.
HERBERT ANDREW HOPPER, B.S.A., Extension Professor of Animal Husbandry.
EDWARD SEWALL GUTHRIE, M.S. in Agr., Ph.D., Professor of Dairy Industry.
MAURICE CHASE BURRITT, B.S. in Agr., Extension Professor and State Director of Farm Bureaus.
FRANK BENJAMIN MOODY, A.B., M.S.F., Extension Professor of Forestry.
WILLIAM CHARLES BAKER, B.S.A., Professor of Drawing.
MORTIER FRANKLIN BARRUS, A.B., Ph.D., Extension Professor of Plant Pathology.
LEWIS JOSEPHUS CROSS, B.A., Ph.D., Professor of Chemistry in its Relation to Agriculture.
OSKAR AUGUSTUS JOHANNSSEN, A.M., Ph.D., Professor of General Biology.
CLYDE HADLEY MYERS, M.S., Ph.D., Professor of Plant Breeding.
GEORGE ABRAM EVERETT, A.B., LL.B., Assistant Professor of Extension Teaching.
LEWIS KNUDSON, B.S.A., Ph.D., Assistant Professor of Botany.
JAMES CHESTER BRADLEY, Ph.D., Assistant Professor of Systematic Entomology.
E. GORTON DAVIS, B.S., Assistant Professor of Landscape Art.
JOHN BENTLEY, JR., B.S., M.F., Assistant Professor of Forestry.
GEORGE CHARLES EMBODY, Ph.D., Assistant Professor of Aquiculture.
HARRY OLIVER BUCKMAN, M.S.A., Ph.D., Assistant Professor of Soil Technology.
HELEN BINKERD YOUNG, B.Arch., Assistant Professor of Home Economics.
ALICE GERTRUDE MCCLOSKEY, A.B., Assistant Professor of Rural Education.
ANNA BOTSFORD COMSTOCK, B.S., Assistant Professor of Nature Study.
RALPH HICKS WHEELER, B.S., Assistant Professor of Extension Teaching.

- HARRY MORTON FITZPATRICK, Ph.D., Assistant Professor of Plant Pathology.
BYRON BURNETT ROBB, B.S. in Agr., Assistant Professor of Rural Engineering.
WALTER WARNER FISK, M.S. in Agr., Assistant Professor of Dairy Industry.
HALSEY B. KNAPP, B.S., Assistant Extension Professor of Pomology.
RALPH CURTIS WRIGHT, M.S.A., Assistant Professor of Landscape Art.
VERN BONHAM STEWART, A.B., Ph.D., Assistant Professor of Plant Pathology.
ANNETTE J. WARNER, Assistant Professor of Home Economics.
ARTHUR LEE THOMPSON, M.S. in Agr., Assistant Professor of Farm Management.
ROYAL GILKEY, B.S.A., Assistant Professor of Extension Teaching, and Supervisor of Mailing Division and Reading Courses.
CHARLES TRUMAN GREGORY, B.S., in Agr., Assistant Professor of Plant Pathology.
LEX RAY HESLER, A.B., Ph.D., Assistant Professor of Plant Pathology.
IVAN CLAUDE JAGGER, B.S., in Agr. Assistant Professor of Plant Pathology.
WILLIAM HOWARD RANKIN, A.B., Assistant Professor of Plant Pathology.
EARL WHITNEY BENJAMIN, B.S. in Agr., Ph.D., Assistant Professor of Poultry Husbandry.
ARTHUR JOHNSON EAMES, Ph.D., Assistant Professor of Botany.
JAMES KENNETH WILSON, B.S., Ph.D., Assistant Professor of Soil Technology.
ELMER EUGENE BARKER, A.B., Assistant Professor of Plant Breeding.
EDWARD MOWBRAY TUTTLE, B.S. in Agr., A.B., Assistant Professor of Rural Education.
ROBERT MATHESON, M.S. in Agr., Ph.D., Assistant Professor of Economic Entomology.
BLANCHE EVANS HAZARD, A.M., Assistant Professor of Home Economics.
DAVID LUMSDEN, Assistant Professor of Floriculture.
PAUL WORK, A.B., M.S. in Agr., Superintendent of the Department and Instructor in Vegetable Gardening.
HOWARD EDWARD BABCOCK, Ph.B., Assistant Director of Farm Bureaus.
ANNA CLEGG STRYKE, A.B., Instructor in Entomology.
LESTER WHYLAND SHARP, B.S., Ph.D., Instructor in Botany.
JOHN THOMAS LLOYD, A.B., Instructor in Limnology.
BERTHA E. TITSWORTH, Instructor in Home Economics.
HELEN KNOWLTON, A.B., Instructor in Home Economics.
CECIL CALVERT THOMAS, A.B., M.A., Instructor in Botany.
MAUDE CIPPERLY WIEGAND, A.B., Instructor in Botany.
WILLIAM JACOB ROBBINS, A.B., Instructor in Botany.
HAROLD ALLEN SEVERY, A.B., A.M., Instructor in Botany.
EARL VOLCART HARDENBURG, B.S., Instructor in Farm Crops.
RICHARD ALAN MORDOFF, B.S. in Agr., Assistant Registrar.
OTIS FREEMAN CURTIS, M.S., Instructor in Botany.
OLIVER WESLEY DYNES, M.S. in Agr., Instructor in Farm Crops.
CARL EDWIN LADD, B.S. in Agr., Instructor and Investigator in Farm Management.
DANIEL SCOTT FOX, B.S., Instructor in Farm Management.
ROLAND HARRISON PATCH, B.S., Instructor in Floriculture.
ALBERT EDMUND WILKINSON, B.S., Extension Instructor in Vegetable Gardening.
THOMAS JOSEPH MCINERNEY, M.S. in Agr., Instructor and Investigator in Dairy Industry.
HORACE MANN PICKERILL, B.S. in Agr., Instructor and Investigator in Dairy Industry.

EUGENE DAVIS MONTILLON, B.Arch., Instructor in Landscape Art.
JUAN ESTEVAN REYNA, E.E., Instructor in Drawing.
NORMAN DAMON STEVE, B.S., Instructor in Farm Engineering.
LESLIE EUGENE HAZEN, B.S. in Agr., Instructor in Farm Structures.
JAMES LEWIS STRAHAN, B.S. in Agr., M.S. in Agr., Instructor in Farm Structures.
EARL LONG OVERHOLSER, M.S.A., Instructor in Pomology.
CASS WARD WHITNEY, B.S., Instructor in Extension Teaching.
ROYAL JOSYLIN HASKELL, B.S., Instructor in Plant Pathology.
FRANK ELMORE RICE, A.B., Instructor in Agricultural Chemistry.
ELMER ROSEL ZIMMER, Instructor in Animal Husbandry.
CHARLES PAUL ALEXANDER, B.S., Instructor in The Farm Course.
CHARLES CHUPP, A.B., Instructor in Plant Pathology.
LAURENCE HOWLAND McDANIELS, A.B., Instructor in Botany.
ALLAN CAMERON FRASER, B.S., Instructor in Plant Breeding.
LUA ALICE MINNS, B.S., Instructor in Floriculture.
ALFRED CARL HOTTES, B.S., M.S. in Agr., Instructor in Floriculture.
GEORGE CORNELL SUPLEE, B.S., M.S.A., Instructor in Dairy Industry.
ANNA ELIZABETH HUNN, B.S., Instructor in Home Economics, and Manager of Cafeteria.
WILLIAM THOMAS CRAIG, Instructor in Plant Breeding.
MONTGOMERY ROBINSON, Litt. B., B.S., Instructor in Extension Teaching.
JOSIAH RANDALL LIVERMORE, B.S., Instructor in Plant Breeding.
JOSEPH ROSENBAUM, B.S. in Agr., Extension Instructor in Botany.
ARTHUR JOHN HEINICKE, B.S.A., M.A., Instructor in Pomology.
FRANCIS ELTON ROGERS, B.S., Extension Instructor in Pomology.
OLNEY BROWN KENT, B.S., Instructor in Poultry Husbandry.
HAROLD DEANE PHILLIPS, B.S. in Agr., Instructor in Rural Economy.
HENRY WILLIAM SCHNECK, B.S., Instructor in Vegetable Gardening.
WESLEY WORTH WARSAW, B.S. in A.E., Extension Instructor in Soil Technology.
WILLIAM WARREN KNUDSON, B.S., Instructor in Vegetable Gardening.

Other Officers of Instruction and Administration

LOUIS HAMILTON MOULTON, Farm Superintendent.
GEORGE WALTER TAILBY, JR., Superintendent of Live Stock.
CARL ILG, Assistant Curator in Entomology.
ADA ELJIVA GEORGIA, Assistant in The Farm Course.
WILLIAM CARLYLE ETHERIDGE, B.S., M.S. in Agr., Assistant in Farm Crops.
IRA MYRON HAWLEY, A.B., Assistant in Economic Entomology.
WALTER MILLER PEACOCK, B.S., Assistant in Farm Crops.
ROWLAND WILLIS LEIBY, B.S., Assistant in Insect Morphology.
WILLIAM FREDERICK FRIEDMAN, B.S., Assistant in Plant Breeding.
JULIA ZITA KELLY, Secretary and Curator in Floriculture.
WALTER GERNET KRUM, Assistant and Superintendent in Poultry Husbandry.
FRANK SHAVER HAMNETT, B.S. in Agr., Assistant in Dairy Industry.
HENRY JOSEPH CONLIN, A.B., Assistant in Agricultural Chemistry.
WILLIAM FRANCIS FLYNN, B.Chem., Assistant in Agricultural Chemistry.
VERN REUBEN JONES, B.S., Assistant in Dairy Industry.
HOWARD BOWMAN ELLENBERGER, B.S.A., Assistant in Dairy Industry.

RALPH IRVING SCOVILLE, B.S., Assistant in Dairy Industry.
CLARIBEL NYE, B.S., Assistant in Home Economics.
BERNARD WILLIAM SHAPER, B.S., Assistant in Extension Teaching.
CLARK LEONARD THAYER, B.Sc., Assistant in Floriculture.
GAIL J. FINK, A.B., Ph.D., Assistant in Soil Technology.
DAVID STOUT JENNINGS, B.S., Assistant in Soil Technology.
MORTIMER DEMAREST LEONARD, B.S., Extension Assistant in Entomology.
MILLARD ALSCHULER KLEIN, B.Sc., Assistant in Soil Technology.
JAMES LEROY WEIMER, A.B., Assistant in Plant Pathology.
JOHN DOUGLAS TOTHILL, B.S.A., Assistant in Parasitology.
ARTHUR BISHOP BEAUMONT, B.S., Assistant in Soil Technology.
EMMONS WILLIAM LELAND, B.S.A., Superintendent of Field Experiments in Soil Technology.
ANNA MARY ATWATER, Laboratory Assistant in Plant Breeding.

ADMISSION, TUITION, AND ACADEMIC YEAR

For admission to the College of Agriculture, see page 35.

For tuition in the College of Agriculture, see page 42.

In addition to the two terms into which, in the other colleges of the University with the exception of the Medical College in New York City, the academic year is divided, the College of Agriculture has provided, and first put into effect in 1914, a third term extending from June through September. The work of the third term is intended for upperclassmen and for graduate students, and no student is allowed to register in the third term if he has not completed the required work of the freshman and of the sophomore year in the College of Agriculture.

THE DEGREE OF BACHELOR OF SCIENCE

The undergraduate instruction for regular students in the College of Agriculture leads to the degree of Bachelor of Science, the requirements for which are residence for eight terms and the completion of one hundred and twenty hours of required and elective work. For the requirements in military science and tactics and in physical culture, see page 162.

Required Subjects. Freshman year: English, course 1, 8 hours; introductory inorganic chemistry, course 1, 6 hours; agricultural chemistry, course 85, 4 hours; biology, course 1, 6 hours; physics, course 2, 5 hours; the farm, 2 hours. Sophomore year: geology, course 1, 3 hours (optional for students specializing in home economics); physiology, course 3, 12, 20, or 21, 3 or 4 hours; botany, course 1, or zoology, course 1, 5 hours. Junior year: political economy, course 51, 6 hours.

Elective Subjects. The remainder of the required one hundred and twenty hours must consist of subjects elected under the following restrictions.

1. Not more than twenty hours may be taken in courses given in other colleges of the University.

2. Before graduation, all students must have passed at least fifteen hours of elective subjects in some one of the following five groups, and at least three hours in each of three of the other groups. The major group of fifteen hours is selected by the student at the beginning of the sophomore year, and in electing subjects in that group, the student must receive the advice and consent of a professor or an assistant professor in charge of a subject within the group and preferably within the department in which the student is intending to specialize.

Group A—Farm Crops; Pomology; Soil Technology; Floriculture; Vegetable Gardening.

Group B—Animal Husbandry; Poultry Husbandry; Dairy Industry; Entomology.

Group C—Agricultural Chemistry; Botany; Plant Breeding; Plant Pathology; Meteorology.

Group D—Rural Economy; Farm Management; Extension; Rural Engineering; Drawing.

Group E—Forestry; Home Economics; Landscape Art.

A student who receives twelve or more hours of college credit at entrance, see page 40, may be regarded as having satisfied one of the required terms of residence.

A student who has satisfied the entrance requirements of this College, and has afterward completed in two or more Summer Sessions in Cornell University at least twelve hours of work in courses approved by the departments concerned, may be regarded as having thus satisfied one term of residence. Under no circumstances shall work done in Summer Sessions be accepted as the equivalent of more than two terms of residence. The maximum amount of credit toward the degree of Bachelor of Science which is allowed for the work in any one Summer Session is seven hours.

A student admitted to the College of Agriculture from another college in Cornell University, or from any other institution of collegiate rank, will be regarded as having completed the number of terms and hours to which his records entitle him, and will receive all the privileges of students who have completed the same number of terms and hours by residence in the College. In order, however, to obtain the degree of Bachelor of Science, he must have completed the prescribed subjects in the four year course and the requisite number of elective hours in agricultural subjects. He must also have been in residence in the College of Agriculture for at least the last two of the required eight terms and must have completed not less than fifteen hours a term, of which two-thirds, at least, must be subjects taught by the staff of the College of Agriculture.

A student must register for at least twelve hours each term and no new student may register for more than eighteen hours. Maximum registration by old students is determined on the basis of record.

All men students except those whose record and registration at the beginning of the senior year show that they are specializing to the extent of fifteen hours in home economics, forestry, landscape art, or entomology, must fully satisfy, before the beginning of the senior year, the requirements in farm practice. All men students are required to report to the Department of Farm Practice within the first three weeks of the first term in College.

Curriculum of Six Years in Agriculture and Veterinary Medicine

A regular student who has credit for at least ninety hours including all required work may, with the permission of the faculties concerned, be registered both in the College of Agriculture and in the New York State Veterinary College, and on completion of thirty hours, of which not less than twelve hours shall be taught in the New York State College of Agriculture, may be recommended for his degree. On the completion of two additional years, if he meets the requirements of the State Veterinary College, he will receive the degree of Doctor of Veterinary Medicine.

EXTENSION WORK

The Extension Work of the College of Agriculture is administered by the Department of Extension Teaching in cooperation with a committee representing the several departments of the college. The chief phases of the Extension Work, in addition to the Winter Courses conducted in Ithaca, are special lectures and demonstrations in various parts of the State of New York; farm visits,

cooperative experiments, and fair exhibits; the maintenance of traveling schools and of extension schools; the conduct of reading courses and the organization of study clubs.

WINTER COURSES

The Winter Courses are seven in number, all opening on November 10, 1914, and closing on February 12, 1915. They are: 1. Agriculture; 2. Dairy Industry; 3. Poultry Husbandry; 4. Fruit Growing; 5. Home Economics; 6. Flower Growing; 7. Vegetable Gardening.

The minimum age requirement for admission to the Winter Courses is eighteen years. There are no academic requirements for admission, and no credit toward graduation may be earned in the Winter Courses.

COURSES OF INSTRUCTION

ELECTIVE COURSES OPEN TO FRESHMEN

Dairy Industry 1, 2, 3, 4, 6, 10, 11; Floriculture 1, 9; Forestry 6; Landscape Art 2, 3, 13; Meteorology 1; Nature Study 1, 2; Rural Economy 1; Rural Engineering 3, 4, 20, 30; Vegetable Gardening 1.

AGRICULTURAL CHEMISTRY

See page 84.

ANIMAL HUSBANDRY

1. **Principles and Practice of Feeding Animals.** First or second term, credit two hours. One lecture and one practice period a week. Professor SAVAGE and assistants.
2. **Principles of Animal Breeding.** First or second term, credit two hours. Professor WING and assistants.
3. **Stock Judging, Elementary Course.** First term, credit one hour. Professors WING and HARPER, and Mr. BAIN.
5. **The Horse.** Second term, credit four hours. Three lectures and one practice period a week. Professor HARPER and assistants.
6. **Horse Training, Practical Course.** First term, credit two hours. Prerequisite course 5. One lecture and practice each week. Professor HARPER and assistants.
7. **Mechanics of the Horse.** First term, credit three hours. Prerequisite course 5. Lectures and recitations, M W, 11. Practice M, 3.30-5. Professor HARPER.
10. **Dairy Cattle.** First term, credit four hours. Two lectures, M W, 9, and one practice period each week. Professor WING, Mr. ZIMMER, and assistants.
11. **Beef Cattle, Sheep, and Swine.** First term, credit three hours. Two lectures and one practice period each week. Professors WING and HARPER, and assistants.
12. **Meat and Meat Products.** First or second term, credit two hours. Practice. Professor WING and assistants.
15. **Principles of Feeding, Advanced Course.** Second term, credit two hours. Prerequisite course 1. One lecture and practice each week. Professor SAVAGE.
16. **Principles of Breeding, Advanced Course.** First and second terms, credit one to three hours a term. Prerequisite courses 5 and 10. Professors WING and HARPER.
17. **Animal Husbandry, Advanced Course.** Professor WING and assistants.

BOTANY

1. **General Botany.** First term, credit five hours. One lecture, one recitation, and three laboratory periods each week. Professor WIEGAND, Doctor EAMES, Messrs. THOMAS, MACDANIELS, SHARP, METCALF, SEVERY, Mrs. WIEGAND, Miss HANCY, and others. Laboratory fee, \$4.
2. **Forest Botany.** First term, credit three hours. Prerequisite course 1. One lecture or conference and two laboratory or field work periods each week. Doctor EAMES. Laboratory fee, \$2.50.
6. **Taxonomy of the Higher Plants.** Second or third term, credit four hours. Prerequisite course 1. One lecture and two laboratory periods each week and field work. Doctor EAMES and Mr. ——. Laboratory fee, \$3.50.
9. **Histology.** Third term, credit four hours. Prerequisite course 1. One lecture and three laboratory periods each week. Doctor EAMES and Mr. ——. Laboratory fee, \$5.

10. **Cytology.** Second term, credit three hours. Prerequisite course 1. One lecture and two laboratory periods each week. Doctor SHARP. Laboratory fee, \$4.

20. **General Plant Physiology.** First or second term, credit four hours. Prerequisite all freshman work and course 1. One lecture, one recitation, and two laboratory periods each week. Assistant Professor KNUDSON, and Messrs. ROBBINS, CURTIS, and NANZ. Laboratory fee, \$5.

21. **Plant Physiology, Advanced Course.** First and second terms, credit five hours a term. Two lectures and two laboratory periods each week. Assistant Professor KNUDSON, and Messrs. ROBBINS and CURTIS. Laboratory fee, \$6 a term.

NOTE: This course is also given during the third term. It is then divided, however, into two five-hour courses, the student being permitted to take either course or both.

26. **Physiology of Fermentation.** Second term, credit three hours. Prerequisite course 20 or 21. Lectures T, 12, and laboratory. Assistant Professor KNUDSON and Mr. ROBBINS. Laboratory fee, \$5.

Courses intended primarily for graduates

18. **Research in General Botany, Histology, and Taxonomy.** Throughout the year. Not less than three hours a term. Professor WIEGAND.

19. **Seminary in Taxonomy, Morphology, Cytology, and Histology.** Throughout the year, credit one hour a term. Professor WIEGAND.

30. **Special Chapters in Metabolism.** Third term. Lectures and laboratory. Assistant Professor KNUDSON.

31. **Seminary in Plant Physiology.** Throughout the year, credit one hour a term. Assistant Professor KNUDSON.

33. **Research, General Physiology.** Throughout the year. Assistant Professor KNUDSON.

34. **Research, Cell Physiology.** Throughout the year. Assistant Professor KNUDSON.

DAIRY INDUSTRY

1. **Milk Composition and Tests.** First, second, or third term, credit three hours. Two lectures and one practice period each week. First term: Professor TROY and Mr. JONES. Third term: Professor ROSS and Mr. MCINERNEY. Laboratory deposit, \$3.

2. **Butter Making.** First term, credit three hours. One lecture and one five hour practice period each week. Professor GUTHRIE and Mr. SCOVILLE. Laboratory deposit, \$2.

3. **Cheese Making.** First term, credit three hours. One lecture or recitation and one five hour practice period each week. Assistant Professor FISK and Mr. ELLENBERGER. Laboratory deposit, \$2.50.

4. **Bacteriology, Elementary Course.** First term, credit three hours. Lectures and laboratory. Professor STOCKING, Messrs. PICKERILL, SUPPLEE, and BESEMER. Laboratory deposit, \$3.

6. **Market Milk and Milk Inspection.** Second term, credit two hours. Lectures and practice. Professor ROSS and Mr. MCINERNEY. Laboratory deposit, \$3.

7. **Testing, Advanced Course.** Second term, credit two hours. Professor TROY and Mr. JONES. Laboratory deposit, \$3.

8. **Dairy Bacteriology.** Second term, credit four hours. One lecture and three practice periods each week. Professor STOCKING, and Messrs. PICKERILL and SUPPLEE. Laboratory deposit, \$4.

9. **Butter Making, Advanced Course.** Second term, credit three hours. One lecture and one long practice period each week. Professor GUTHRIE. Laboratory deposit, \$2.

10. **Fancy Cheese.** Second term, credit two hours. Practice. Prerequisite, courses 1 or 16, and 3. Assistant Professor FISK and Mr. ELLENBERGER. Laboratory deposit, \$2.

11. **Ice-Cream Making.** Second term, credit two hours. Prerequisite courses 1 or 16, and 14. Lectures and practice. Assistant Professor FISK and Mr. ELLENBERGER. Laboratory deposit, \$2.

12. **Seminary.** First or second term, credit one hour. Professors STOCKING, ROSS, TROY, and GUTHRIE, and Assistant Professor FISK.

13. **Research.** First or second term, credit one or two hours. Professors STOCKING, ROSS, TROY, and GUTHRIE, and Assistant Professor FISK. Laboratory deposit, \$2, for each credit hour.

14. **General Agricultural Bacteriology.** First term, credit three hours. One lecture and two practice periods each week. Professor STOCKING, Messrs. PICKERILL, SUPPLEE, and BESEMER. Laboratory deposit, \$3.

15. **Bacteriology for the Home.** Second term, credit three hours. One lecture and two practice periods each week. Messrs. PICKERILL, SUPPLEE, and BESEMER. Laboratory deposit, \$4.

16. **Milk Composition and Tests.** Second term, two hours, for special students only. Lectures and practice. Professor TROY and Messrs. JONES and HAMNETT. Laboratory deposit, \$3.

18. **Butter Making.** Second term, three hours, for special students only. Lectures and practice. Professor GUTHRIE and Mr. SCOVILLE. Laboratory deposit, \$2.

19. **Cheddar-Cheese Making, Advanced Course.** Second term, credit two hours. Lectures and practice. Assistant Professor FISK. Laboratory deposit, \$2.

DRAWING

1. **Mechanical Drawing.** First or second term, credit three hours. Nine hours of actual practice each week. Mr. REYNA.
2. **Free-hand Drawing.** First and second terms, credit two or more hours a term. Three hours of actual practice for each hour of credit. Professor BAKER and Miss GARRETT.
3. **Free-hand Drawing, Advanced Course.** First or second term, credit two or more hours. Professor BAKER and Miss GARRETT.
4. **Perspective.** Second term, credit two hours. Prerequisite course 2 and descriptive geometry. Lectures and practice. Mr. REYNA.

ENTOMOLOGY, LIMNOLOGY, AND NATURE STUDY

1. **General Biology.** First and second terms, credit three hours a term. Two lectures and one practice period a week. Professors NEEDHAM and JOHANNSEN, and assistants. Laboratory fee, \$2.50 a term.
2. **The Ecology of Insects.** Third term, credit three hours. One lecture and two practical exercises each week. Professor HERRICK.
3. **General Entomology.** First and second terms, repeated third term, credit three hours a term. Prerequisite course 1 or Zoology 1. First and second terms: Two lectures, Professor HERRICK, and one practice period, Professor HERRICK, Miss STRYKE, and Mr. HAWLEY. Laboratory fee, \$3 each term. Third term, July 7—Aug. 15: five lectures, Miss STRYKE, and two practice periods each week, Miss STRYKE and Mr. ———. Laboratory fee, \$1.50.
4. **Elementary Morphology of Insects.** First, second, or third term, credit three hours. First and second terms, Professor W. A. RILEY and Mr. LEIBY; third term, Miss STRYKE and Mr. ———. Laboratory fee, \$2.
5. **Elementary Systematic Entomology.** First, second, or third term, credit two hours. Laboratory and field work. First and second terms, Assistant Professor BRADLEY and Mr. WENDELKEN; third term, Miss STRYKE and Mr. ———. Laboratory fee, \$3.
8. **Elementary Economic Entomology.** First term, two hours. For special students. Lectures. Assistant Professor MATHESON. Laboratory fee, 50 cents.
10. **Entomotaxy.** Second term, credit two hours. Laboratory and field work. Assistant Professor BRADLEY. Laboratory fee, \$3.
11. **Advanced Systematic Entomology.** First or second term, credit three or more hours. Prerequisite courses 4, 5, and 10. Laboratory work. Assistant Professor BRADLEY and Mr. WENDELKEN. Laboratory fee, \$2 an hour.
12. **Taxonomy of Insects.** Throughout the year, credit four hours a term. Prerequisite courses 3, 4, 5, 10, 11, and 20, or the equivalent. One lecture and laboratory each week. Primarily for graduate students.
 - A. Physopoda, Mallophaga, Heteroptera. First term. Professor JOHANNSEN and Assistant Professor BRADLEY; B. Homoptera. Second term. Professor JOHANNSEN and Assistant Professor BRADLEY; 3C. Myriapoda and Arachnida. Third term. Miss STRYKE; [D. Lepidoptera. First term, 1915-16. Miss STRYKE]; [E. Diptera and Siphonaptera. Second term, 1915-16. Professor JOHANNSEN]; [F. Neuropteroids. Third term, 1916. Professor NEEDHAM and Mr. LLOYD]; [G. Coleoptera. Professor JOHANNSEN and Assistant Professors BRADLEY and MATHESON. Not given in 1914-15]; [H. Orthoptera, Euplexoptera, and Thysanura. Not given in 1914-15]; [I. Hymenoptera. Assistant Professor BRADLEY. Not given in 1914-15].
13. **Classification of the Coccidae.** Second term, credit two hours. Prerequisite courses 4, 5, 10, and 11. Laboratory. Assistant Professor BRADLEY. Not given in 1914-15.
14. **Literature of Systematic Entomology.** First term, credit three hours. Prerequisite course 3 or 5, or Zoology 5. Assistant Professor BRADLEY. Laboratory fee, \$1.
19. **Research in Systematic Entomology.** Throughout the year, credit three or more hours a term. Prerequisite courses 3, 4, 5, 10, 11, 14, and 20. Assistant Professor BRADLEY, and Professors NEEDHAM and JOHANNSEN. Laboratory fee, 50 cents an hour.
20. **Morphology and Development of Insects.** First term, credit two hours. Prerequisite courses 3 (first term), 4, and 5. Lectures. Roberts Hall 392. Professor W. A. RILEY.
21. **Histology of Insects.** First term, credit three or more hours. Prerequisite courses 3 (first term), 4, 5, and 20. Laboratory. Professor W. A. RILEY. Laboratory fee, \$1.50 an hour.
27. **German Entomological Reading.** First term, credit one hour. Professor W. A. RILEY.
28. **French Entomological Reading.** First term, credit one hour. Miss STRYKE.
29. **Research in Morphology of Insects.** Throughout the year, credit three or more hours a term. Prerequisite courses 3, 4, and 5. Professors W. A. RILEY and NEEDHAM. Laboratory fee, \$1.50 an hour.
30. **Animal Parasites and Parasitism.** First term, credit two hours. One lecture and practical exercises each week. Must be preceded or accompanied by Zoology 1. Professor W. A. RILEY and Mr. TOTHILL. Laboratory fee, \$2.
31. **Relations of Insects to Disease.** Second term, credit two hours. Professor W. A. RILEY and Mr. TOTHILL. Not given in 1914-15.
32. **Advanced Work in Parasitology.** First term, credit two or more hours. Professor W. A. RILEY and Mr. TOTHILL.
40. **Advanced Economic Entomology and Insectary Methods.** Third term, two hours. For graduates only. Assistant Professor MATHESON. Laboratory fee, \$2.50.

41. **Forest Insects.** Second term, credit two hours. Lectures. Professor HERRICK.
49. **Research in Economic Entomology.** Throughout the year, credit three or more hours a term. Prerequisite courses 3, 4, and 5. Professor HERRICK and Assistant Professor MATHESON.
50. **General Limnology.** Second and third terms, credit two hours a term. Lectures and laboratory. Professor NEEDHAM and Mr. LLOYD. Laboratory fee, \$2.50.
51. **Aquiculture.** Second term, credit two hours. Lectures. Assistant Professor EMBODY.
52. **Fish Culture.** Second term, credit two hours. Assistant Professor EMBODY. Laboratory fee, \$2.50.
59. **Research in Limnology.** Throughout the year, credit three or more hours a term. Professors NEEDHAM and W. A. RILEY, and Assistant Professor EMBODY.
61. **Nature Study Pedagogy and Literature.** Second term, credit two hours. Lectures. Assistant Professor COMSTOCK.
62. **Nature Study in Field and Laboratory.** First and second terms, credit two or more hours a term. Assistant Professor COMSTOCK.
63. **Nature Study.** First and second terms, credit two or more hours a term. Prerequisite course 62 and Biology 1; advanced course. Lectures and laboratory. Assistant Professor COMSTOCK.
65. **Conference in Nature Study.** Second term, credit one hour. Professor NEEDHAM and Assistant Professor COMSTOCK.
- Seminary.** Throughout the year. Conducted by the Jugatae, an entomological club.
79. **Journal Club.** First and second terms, credit one hour a term. Professors NEEDHAM, W. A. RILEY, and HERRICK, and Assistant Professor BRADLEY.

EXTENSION TEACHING

1. **Extension Work.** First term, credit two hours. Lectures and practice. Professor TUCK, Assistant Professors EVERETT and WHEELER, and Messrs. WHITNEY, ROBINSON, and SHAPER.
2. **Extension Work.** Second term, credit two hours. Lectures and practice. Professor TUCK, Assistant Professors EVERETT and WHEELER, and Messrs. WHITNEY, ROBINSON, and SHAPER.
3. **Extension Work, Advanced Course.** First term, credit one hour. Professor TUCK, Assistant Professors EVERETT and WHEELER, and Mr. WHITNEY.

THE FARM

1. **The Farm.** First, second, or third term, credit two hours. Field work and recitations. Professor NEEDHAM, Assistant Professors COMSTOCK and EMBODY, Mr. ALEXANDER, and assistants. Fee, \$2.

FARM CROPS

1. **Cereals, Forage Crops, and Miscellaneous Crops.** First or second term, credit four hours. Lectures, M. W. F., and laboratory. First term, Professor MONTGOMERY and Mr. HARDENBURG; second term, Mr. DYNES. Laboratory fee, \$2.
2. **Cereal Crops.** First or third term, credit two hours. Prerequisite course 1. Professor MONTGOMERY and Mr. DYNES.
3. **Forage Crops.** Second or third term, credit two hours. Prerequisite course 1. Professor MONTGOMERY and Mr. DYNES.
4. **Potatoes and Special Crops.** First or second term, credit two hours. Lectures and laboratory. Mr. HARDENBURG. Laboratory fee, \$2.
5. **Seminary.** First and second terms. Professor MONTGOMERY.
6. **Research.** Throughout the year, two or more hours a term. Limited to graduate students. Professor MONTGOMERY.

FARM MANAGEMENT

1. **Farm Accounting.** First or second term, credit two hours. Lectures and laboratory. First term, Assistant Professor THOMPSON; second term, Messrs. LADD and ———. Laboratory fee, \$1.
2. **Farm Management.** First, second, or third term, credit four hours. Open only to juniors and seniors. Lectures, M. W. F., and laboratory. First term, Professor WARREN and Mr. LADD; second term, Professor LIVERMORE and Mr. LADD; third term, Assistant Professor THOMPSON and Mr. ———. Laboratory fee, \$1.
3. **Farm Management, Advanced Course.** First term, credit two hours. Assistant Professor THOMPSON.
4. **Seminary.** First and second term, credit one hour a term. First term, Professor WARREN; second term, Professor LIVERMORE.
5. **Research.** First, second, or third term, credit one or more hours. First term, Professor WARREN; second term, Professor LIVERMORE; third term, Assistant Professor THOMPSON.

FARM PRACTICE

1. **Farm Practice.** First, second, or third term. Professor STONE and Mr. MOULTON. Required of men students not specializing in home economics, forestry, landscape art, or entomology.

FLORICULTURE

1. **Principles and Methods of Greenhouse Practice.** First term, credit three hours. Two lectures and practice each week. Professor WHITE and Assistant Professor LUMSDEN.
2. **Greenhouse Construction.** First term, credit three hours. One lecture and practice each week. Assistant Professor LUMSDEN and Mr. PATCH. Laboratory, fee \$1.
3. **Commercial Floriculture.** Second or third term, credit four hours. Prerequisite courses 1 and 2. Lectures and recitations, M W F, and practice. Professor WHITE and Assistant Professor LUMSDEN. Laboratory fee, \$2.
4. **Commercial Floriculture.** First term, credit four hours. Prerequisite course 3. Lectures and recitations, M W F, and practice. Professor WHITE and Assistant Professor LUMSDEN. Laboratory fee, \$2.
5. **Greenhouse and Garden Practice.** Throughout the year, credit one or two hours. Prerequisite course 1. Professor WHITE and members of the staff.
6. **Floral Arrangement.** Second term, credit one hour. Professor WHITE, Mr. PATCH, and Miss MINNS. Laboratory fee, \$3.50.
7. **Conservatory Plants.** Second or third term, credit two hours. Prerequisite course 1. Professor WHITE and Mr. PATCH. Laboratory fee, \$2.
8. **Garden Flowers.** Second and third terms, credit three hours. Lectures T Th, and practice. Assistant Professor LUMSDEN and Miss MINNS. Laboratory fee, \$2.
9. **Amateur Floriculture.** First and second terms, repeated third term, credit two hours each term. Lectures and practice, Miss MINNS. Laboratory fee, \$2 a term.
10. **Wholesaling and Retailing Flowers.** Second term, credit one hour. Prerequisite courses 3 and 4. Professor WHITE.
11. **The History and Literature of Floriculture.** Second term, credit two hours. Professor BEAL.
12. **Investigation in Floriculture.** Throughout the year, credit one, two, or three hours a term. Professors WHITE and BEAL.
13. **Seminary.** Throughout the year, one hour a term. Professor WHITE and members of the staff.

FORESTRY

1. **The Farm Woodlot.** First term, credit two hours. Lectures and practice. Professor MOODY.
2. **Elements of Forestry: Mensuration, Utilization, and Management.** First term, credit three hours. Lectures, T Th and practice. Assistant Professor BENTLEY. Laboratory fee, \$1.
3. **Elements of Forestry: Silviculture.** Second term, credit three hours. Lectures T Th and practice. Professor HOSMER. Laboratory fee, \$1.
6. **The Field of Forestry.** First term, credit two hours. Professor SPRING.
8. **Wood Technology.** First ten weeks of the second term, credit two hours. Lectures M W and practice. Professor RECKNAGEL. Laboratory fee, \$1.
9. **Forest Utilization.** First term, credit four hours. Professor RECKNAGEL.
10. **Forest Engineering.** Second term, credit two hours. Assistant Professor BENTLEY.
11. **Forest Mensuration.** Second term, credit five hours. Lectures M W and practice. Assistant Professor BENTLEY. Laboratory fee, \$1.50.
13. **Timber Trees and Forest Regions.** First term, credit three hours. Lectures M W and practice. Assistant Professor BENTLEY. Laboratory fee, \$1.
14. **Silviculture: Forest Ecology.** First term, credit three hours. Prerequisite Botany 1. Lectures W F and practice. Professor HOSMER. Laboratory fee, 50 cents.
15. **Silviculture: Natural Reproduction and Care of the Forest.** Second term, credit three hours. Prerequisite courses 13 and 14. Lectures T Th and practice. Professor SPRING. Laboratory fee, 50 cents.
16. **Silviculture: Forest Planting and the Forest Nursery.** Second term, credit three hours. Lectures W and practice. Professor SPRING. Laboratory fee, \$1.50.
18. **Forest Protection.** First term, credit one hour. Professor SPRING.
19. **Forest Policy, Forest Law, and History of Forestry.** First term, credit three hours. Professor SPRING.
20. **Forest Management.** First term, five hours. Open only to graduate students. Lectures M T W Th, and practice. Professor RECKNAGEL.
21. **Forest Administration.** First ten weeks of the second term, credit two hours. Prerequisite course 20. Lectures W Th and practice. Professor RECKNAGEL.
22. **Seminary.** First and second terms, two hours a term. Professors HOSMER, SPRING, RECKNAGEL, and MOODY, and Assistant Professor BENTLEY.
23. **Advanced Work.** First and second terms, credit two or more hours a term. Open to undergraduate and graduate students. Professors HOSMER, SPRING, RECKNAGEL, and MOODY, and Assistant Professor BENTLEY.
24. **Research.** First and second terms, three or more hours a term. Professors HOSMER, SPRING, RECKNAGEL, and MOODY, and Assistant Professor BENTLEY.

HOME ECONOMICS

1. **Foods and Nutrition, Survey Course.** Second term, credit five hours. Lectures M W F and practice. Laboratory fee, \$7.50.
2. **House Practice.** First and second terms, credit two hours a term. Lectures and practice. Misses KNOWLTON, TITSWORTH, and BLAKEY. Laboratory fee: first term, \$1; second term, \$2.
3. **Foods.** First and second terms, credit four hours a term. Lectures M W and practice. Professor ROSE, and Misses KNOWLTON, TITSWORTH, and BLAKEY. Laboratory fee, \$7.50 a term.
4. **Household Sanitation.** First term, credit three hours. Miss KNOWLTON and others.
5. **Institutional Management.** First and second terms, credit one or more hours a term. Lectures and practice. Miss HUNN and others.
6. **Dietetics.** Second term, credit six hours. Lectures T Th S and practice. Professor ROSE. Laboratory fee, \$10.50.
7. **Foods and Nutrition, Survey Course.** Second term, credit four hours. Lectures M W F and practice. Laboratory fee, \$3.75.
8. **Elements of Design.** First and second terms, credit two hours a term. Lectures and practice. Assistant Professor WARNER. Laboratory fee, \$3 a term.
9. **Design, Advanced Course.** Second term, credit two hours. Prerequisite course 8. Assistant Professor WARNER. Laboratory fee, \$3.
10. **The House.** First and second terms, credit two hours a term. Lectures and practice. Assistant Professor YOUNG. Laboratory fee, \$1 a term.
12. **Woman and the Family.** First and second terms, credit three hours a term. First term: lectures, M W F. Second term: lectures, M W and laboratory. Professor VAN RENSSELAER and Assistant Professor HAZARD. Laboratory fee, \$3 for the second term.
14. **Household Management.** First term, credit four hours. Lectures, M W F and laboratory. Professor VAN RENSSELAER, and Misses KNOWLTON and BLAKEY. Laboratory fee, \$7.
15. **Sewing and Dressmaking.** Second term, credit two hours. Miss TITSWORTH. Laboratory fee, \$1.
16. **Textiles and Dressmaking.** First and second terms, credit three hours a term. Lectures M and practice. Miss TITSWORTH. Laboratory fee, \$2 a term.
20. **Special Problems.** First and second terms. Members of the departmental staff and others.
22. **Seminary.** First and second terms, one hour a term. Professor ROSE.
23. **Extension in Home Economics.** First and second terms, credit two hours a term. Lectures and laboratory. Professor VAN RENSSELAER, and Misses NYE, BIRDSEYE, and others. Laboratory fee, \$2 a term.

LANDSCAPE ART

2. **Lectures Introductory to Work in Landscape Art.** Second term, credit one hour. Assistant Professor DAVIS.
3. **History of Landscape Design.** First term, credit two hours. Assistant Professor DAVIS. Fee, \$1.
4. **Theory and Aesthetics of Landscape Design.** First and second terms, credit two hours a term. Prerequisite course 2. Assistant Professor DAVIS, and visiting lecturers.
6. **Rural Improvement.** A course of six or more lectures, beginning about the Christmas recess. Professor FLEMING.
10. **Plan Evolution.** First and second terms, credit one hour a term. Mr. MONTILLON.
11. **Landscape Design, Elementary Course.** First and second terms, credit three hours a term. Prerequisite courses 3 and 4. Mr. MONTILLON, assisted by departmental staff.
13. **Elements of Planting Design.** First and second terms, credit three hours a term. Prerequisite Botany 1. Lectures W and practice. Assistant Professor CURTIS. Laboratory fee, \$1.
15. **Landscape Design, Advanced Course.** First and second terms, credit eight hours a term. Mr. MONTILLON, assisted by Professor FLEMING and Assistant Professor DAVIS.
16. **Landscape Engineering and Details of Construction.** First and second terms, credit two hours a term. Lectures and practice. Assistant Professor DAVIS and Mr. MONTILLON.
17. **Planting Design.** First and second terms, credit three hours a term. Lectures first term, Th. Drafting, with criticism, both terms. Assistant Professors DAVIS and CURTIS.
18. **Propagation.** First term, credit one hour. Assistant Professor CURTIS and Mr. HUNN.
20. **Seminary.** Second term, one hour. Departmental staff.

METEOROLOGY

1. **Meteorology and Climatology.** Second term, credit three hours. Professor W. M. WILSON.

PLANT BREEDING

1. **Genetics.** First term, credit two hours. Prerequisite Biology 1, and Botany 1 or Zoology 1. Lectures and recitations. Professor GILBERT, Assistant Professor BARKER, and Messrs. FRASER and FRIEDMAN.

2. **Plant Breeding, Laboratory Course.** First term, credit one hour. Assistant Professor BARKER and Messrs. FRASER, FRIEDMAN, and POLLOCK. Laboratory fee, \$3.
6. **General Plant Breeding.** Third term, credit three hours. Prerequisite Biology 1, and Botany 1 or Zoology 1. Lectures T Th and practice. Professor GILBERT. Laboratory fee, \$3.
8. **Methods of Plant Breeding.** Second term, credit three hours. Professor GILBERT and Mr. FRASER.
- [10. **Eugenics.** Second term, credit one hour. Professor GILBERT.] Not given in 1914-15.
11. **Biometry.** First term, one hour. For graduate students only. Professor LOVE.
13. **Plant Breeding, Advanced Course.** First or third term, credit three hours. Prerequisite course 8. Lectures T Th and laboratory. Assistant Professor BARKER. Laboratory fee, \$3.
16. **Research.** Throughout the year. Members of the departmental staff.
17. **Seminary.** First and second terms, one hour a term. Members of the departmental staff.

PLANT PATHOLOGY

1. **Plant Pathology.** First or third term, credit three or four hours. Prerequisite Botany 1. One lecture, one recitation, and two practice periods each week. Professor WHETZEL, Assistant Professors GREGORY, HESLER, and RANKIN, and Messrs. CHUPP, KEEFER, and HENDRICKS. Laboratory fee, \$4.50; breakage deposit, \$2.
2. **Principles of the Control of Plant Diseases.** Second or third term, credit three hours. Prerequisite course 1. One recitation and two practice periods each week. Assistant Professors GREGORY and RANKIN, and Messrs. CHUPP and HENDRICKS. Laboratory fee, \$4.50; breakage deposit, \$2.
3. **Advanced Plant Pathology.** First and second terms, credit one or more hours a term. Lectures and practice. Professors WHETZEL and REDDICK, and Assistant Professor STEWART.
6. **Mycology.** Second and third terms, credit three hours. Prerequisite Botany 1 or its equivalent. Lectures M and practice. Professors WHETZEL, Assistant Professors FITZPATRICK and HESLER. Laboratory fee, \$4.50; breakage deposit, \$2.
7. **Principles of the Control of Tree Diseases.** Second term, credit two hours. Prerequisite course 1. Lectures and practice. Assistant Professor RANKIN and Mr. KEEFER. Laboratory fee, \$2; breakage deposit, \$2.
9. **Timber Decay and its Prevention.** Second term, credit two hours. Prerequisite course 1. Lectures and practice. Assistant Professor RANKIN and Mr. KEEFER. Laboratory fee, \$2; breakage deposit, \$2.
12. **Mycology.** First and second terms, credit four hours a term. Prerequisite course 1. Lectures M W and practice. Assistant Professor FITZPATRICK. Laboratory fee, \$4.50 a term; breakage deposit, \$2 a term.
- [14. **Mycology.** First term, credit four hours. Continuation of course 12. Assistant Professor FITZPATRICK.] Not given in 1914-15.
15. **Phytopathological Histology.** First or third term, credit three hours. Professor WHETZEL. Laboratory fee, \$4.50; breakage deposit, \$2.
- [16. **Bacterial Diseases of Plants.** Second term, credit four hours. Assistant Professor FITZPATRICK.] Not given in 1914-15.
20. **Research.** Throughout the year, not less than three hours a term. Professors WHETZEL, REDDICK, and BARRUS, and Assistant Professors FITZPATRICK, STEWART, GREGORY, HESLER, and RANKIN. Laboratory fee, \$1.50 an hour.
25. **Seminary.** Throughout the year. Professors WHETZEL, REDDICK, and BARRUS.

POMOLOGY

1. **Principles in Pomology.** First or third term, credit three hours. Prerequisite Biology 1 or Botany 1. Two lectures and one recitation each week. Professor WILSON, and Messrs. OVERHOLSER and HEINICKE.
- 1a. **Pomology, Elementary Course.** Second or third term, credit one hour. Laboratory course. Prerequisite course 1, and Biology 1 or Botany 1. Professor WILSON, and Messrs. HEINICKE and OVERHOLSER. Laboratory fee, \$2.
2. **Practical Pomology.** Second term, credit three hours. Prerequisite course 1. Lectures T Th and recitations. Professor WILSON and Mr. OVERHOLSER.
4. **Small Fruits.** Second or third term, credit one hour. Prerequisite course 1 or 16. Professor WILSON.
5. **Nuciculture.** First term, credit two hours. Prerequisite courses 1, 1a, and 2. Professor WILSON.
6. **Spraying of Fruit Trees.** Second term, credit one hour. Professor WILSON and Mr. OVERHOLSER. Laboratory fee, \$2.
- [7. **Subtropical Pomology.** First term, credit three hours. Not given in 1914-15.]
8. **Varieties and Judging.** First term, credit one hour. Prerequisite courses 1, 1a, and 2. Professor WILSON, and Messrs. ROGERS and HEINICKE. Laboratory fee, \$2.
10. **Systematic Pomology.** Second or third term, credit two hours. Prerequisite courses 1, 1a, 2, and 8. Professors WILSON and CHANDLER.

16. **Pomology, Elementary and Practical Course.** First term, three hours. Lectures and recitations. Open only to special students. Mr. OVERHOLSER.
17. **Spraying of Fruit Trees.** Second term, two hours. Open only to special students. Lectures and practice. Mr. OVERHOLSER. Laboratory fee, \$2.
19. **Research.** Throughout the year, credit one or more hours a term. Professors WILSON and CHANDLER.
20. **Seminary.** Second term. One hour. Professors WILSON and CHANDLER, Assistant Professor KNAPP, and Messrs. OVERHOLSER, ROGERS, and HEINICKE.

POULTRY HUSBANDRY

1. **Poultry Husbandry.** First or third term, credit three hours. Two lectures and one practice period each week. Professor RICE, and Messrs. KENT and ———.
- 1a. **Poultry Husbandry.** First term, credit three hours. Prerequisite course 1. Lectures and practice. Professor RICE and Mr. KENT.
2. **Feeding and Care.** Second or third term, credit one hour. Professor RICE and Mr. ANDREWS.
3. **Incubator Practice.** Second or third term, credit one hour. Professor RICE and Mr. BUCHAN.
- 3a. **Brooder Practice.** Second or third term, credit one hour. Professor RICE and Mr. KAZMEIER.
4. **The Breeds and Judging.** First term, credit two hours. Prerequisite course 1. Lectures or recitations, and practice. Mr. KENT.
5. **Poultry House Design and Construction.** Second term, credit two hours. Prerequisite course 1. Lectures or recitations, and practice. Professor RICE and Mr. ———.
6. **Poultry for the Household.** First term, credit two hours. Lectures or recitations, and practice. Assistant Professor BENJAMIN.
7. **Marketing.** Second term, credit two hours. Prerequisite course 1. Lectures or recitations and practice. Assistant Professor BENJAMIN and ———. A class trip to New York City, for two or three days following the Easter vacation will be required.
- 7a. **Marketing Practice.** First, second, or third term, credit one or two hours. Assistant Professor BENJAMIN and ———.
8. **Poultry Farm Management.** Second term, credit two hours. Lectures or recitations, and practice. Professor RICE and Assistant Professor BENJAMIN.
10. **Farm Poultry.** Second or third term, credit three hours. Two lectures, Professor RICE, and one practice period, Messrs. KENT and ———, each week.
11. **Seminary.** First, second, or third term, or throughout the year, credit one to three hours a term. Professor RICE, Assistant Professor BENJAMIN, and Mr. KENT.
12. **Research.** First, second, or third term, or throughout the year, credit one to three hours a term. Professor RICE, Assistant Professor BENJAMIN, and Mr. KENT.

RURAL ECONOMY

1. **Agriculture.** First term, credit two hours. Open only to freshmen. Professor LAUMAN.
4. **Rural Economy.** First term, credit three hours. Prerequisite Political Science 51. Professor LAUMAN.
5. **Rural Social Conditions.** First term, credit three hours. Prerequisite Political Science 51. Professor LAUMAN.
6. **History of Agriculture.** Second term, credit three hours. Open only to seniors. Professor LAUMAN.
7. **Marketing and Prices.** Second term, credit three hours. Prerequisite Political Science 51; open only to seniors.
8. **Cooperation.** Second term, credit two hours. Prerequisite Political Science 51; open only to seniors. Professor LAUMAN.
16. **Rural Organization.** Second term, credit one hour. Open only to seniors. Prerequisite course 4 and Farm Management 2. Professor BURRITT.
18. **Investigation.** For graduates who are not candidates for degrees, and for advanced seniors. Credit two or three hours a term. Professor LAUMAN.

RURAL EDUCATION

1. **Agriculture in Secondary Schools.** First term, credit three hours. Open to seniors and juniors who have completed courses in psychology and education. Professor WORKS.
- 1b. **Methods.** First, second, and third terms, credit three hours a term. Open to seniors. Professor WORKS.
- [5. **Teaching.** First, second, or third term, credit three hours. Prerequisite course 1. Professor WORKS.] Not given in 1914-15.
9. **Rural School Education Extension.** Second term, credit one hour. Assistant Professors McCLOSKEY and TUTTLE.
11. **The Rural School.** Second term, credit two hours. Lectures. Professor WORKS.

RURAL ENGINEERING

3. **Farm Mechanics.** First, second, or third term, credit three hours. First and second terms: Lectures T Th, and practice. Professor H. W. RILEY and assistants. Third term: Lectures W F, and practice. Mr. HAZEN and assistants. Laboratory fee, \$2.

4. **Dairy Mechanics.** Second term, credit one hour. Prerequisite course 3. Professor H. W. RILEY.

19. **Research in Farm Mechanics.** First, second, or third term, credit one or more hours. Prerequisite course 3. Professor H. W. RILEY.

20. **Farm Engineering.** First, second, or third term, credit three hours. Two lectures and practice each week. Laboratory fee, \$2. First and second terms, Assistant Professor ROBB and assistants; third term, Mr. STRAHAN.

21. **Drainage and Irrigation.** Second term, credit three hours. Lectures M W, and practice. Assistant Professors ROBB and BUCKMAN, and Mr. ———. Laboratory fee, \$2.

28. **Farm Engineering, Advanced Course.** First, second, or third term, credit two or more hours. Prerequisite course 20. Lectures and practice. Assistant Professor ROBB.

30. **Farm Structures.** Second or third term, credit three hours. Prerequisite Drawing 1, Two lectures and practice each week. Second term, Messrs. HAZEN and STRAHAN. Third term, Mr. HAZEN.

SOIL TECHNOLOGY

1. **Principles of Soil Management.** First, second, or third term, credit three hours. Prerequisite Chemistry 1 and Geology 1. Lectures T Th, and laboratory. First term, Professor BIZZELL; second and third terms, Assistant Professor BUCKMAN. Laboratory deposit, \$3.

2. **Soils, Elementary Course.** Second term, two hours. For special students. Assistant Professor BUCKMAN.

5. **Soil Surveying.** Third term, credit two hours. Prerequisite course 1 and Physical Geography 5. Practice. Assistant Professor BUCKMAN.

6. **Soils, Advanced Course.** First term, credit two hours. Prerequisite course 1, and Chemistry 85 and 85a. Professor BIZZELL.

11. **Research.** Throughout the year. Professor BIZZELL.

14. **Seminary.** Throughout the year. Professors LYON, FIPPIN, and BIZZELL, and Assistant Professor BUCKMAN.

VEGETABLE GARDENING

1. **Home Vegetable Gardening.** Second term, credit two hours. Lectures and practice. Messrs. SCHNECK and KNUDSON. Laboratory fee, \$2.

2. **Commercial Vegetable Gardening.** Second term, credit four hours. Prerequisite Botany 1. Two lectures, one recitation, and practice each week. Messrs. WORK and SCHNECK. Laboratory fee, \$2.

3. **Commercial Vegetable Gardening.** Second and third terms, credit three hours a term. Prerequisite Botany 1 and Soils 1. Lectures M W, and practice. Mr. WORK. Laboratory fee, \$2 a term.

4. **Vegetable Forcing.** First term, credit three hours. Prerequisite course 2 or 3. Lectures T Th, and practice. Mr. SCHNECK. Laboratory fee, \$2.

4a. **Vegetable Forcing.** Second term, credit one hour. Prerequisite course 4. Mr. SCHNECK.

5. **Systematic Vegetable Crops.** Third term, credit three hours. Prerequisite course 3. Lectures Th, and laboratory. Messrs. WORK and ———. Laboratory fee, \$2.

6. **Practice.** First, second, or third term, one or two hours. Mr. WORK.

7. **Vegetable Gardening, Advanced Course.** Problem and seminary. Credit two or more hours. Prerequisite course 3. Mr. WORK and assistants.

COLLEGE OF ARCHITECTURE

For detailed information concerning the work of the College of Architecture, candidates for admission to that college should consult the Announcement of the College of Architecture which will be sent gratis on application to the Secretary of the University.

FACULTY

JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.

CLARENCE AUGUSTINE MARTIN, Director of the College of Architecture, Dean of the Faculty, and Professor of Architecture.

OLAF MARTINIUS BRAUNER, Professor of Drawing and Painting.

GEORGE MAUXION, A.D.G., Professor of Architecture, in charge of Design. Absent on Leave.

ALBERT CHARLES PHELPS, B.S., M.Arch., Professor of Architecture and Secretary of the Faculty of Architecture.

E. RAYMOND BOSSANGE, Ph.B., Professor of Design.

ELY JACQUES KAHN, A.B., B.Arch., A.D.G., Acting Professor of Design.

GEORGE YOUNG, JR., B.Arch., Assistant Professor of Architecture, in the Theory of Construction.

CHRISTIAN MIDJO, Assistant Professor of Freehand Drawing and Modeling.

LEROY P. BURNHAM, B.S.Arch., M.S.Arch., Assistant Professor of Design.

HIRAM SAMUEL GUTSELL, B.P., A.M., Instructor in Freehand Drawing.

GEORGE RAY CHAMBERLAIN, M.E., Instructor in Freehand Drawing.

HUBERT E. BAXTER, B.Arch., Instructor in Architecture.

HOWARD F. HORN, B.Arch., Instructor in Architecture.

Students in the College of Architecture receive instruction also from professors and instructors in the Colleges of Arts and Sciences, Civil Engineering, Mechanical Engineering, and Agriculture (Department of Landscape Design).

Each year, men distinguished in architecture or in allied professions are invited to lecture before the College. These lectures during the year 1913-14 were:

S. J. Vickers, B.Arch., Chief of the Architectural Division of the New York Public Service Commission.

F. L. Ackerman, B.Arch., of Trowbridge and Ackerman, Architects, New York, N. Y.

THE DEGREE OF BACHELOR OF ARCHITECTURE

For admission to the College of Architecture, see page 35; for tuition in the College of Architecture, see page 42.

The undergraduate instruction for students in the College of Architecture leads to the degree of Bachelor of Architecture, the requirement for which is the completion of one of the following curricula.

1. The curriculum of four years in architecture.
2. The curriculum of four years in construction.
3. The curriculum of five years in architecture.

For the requirements in military science and tactics and in physical culture, see page 162.

Admission as Special Students not Candidates for the Degree B.Arch.

Applicants may, without formal examination, be admitted to the two year special curriculum in architecture, provided they give satisfactory evidence of ability to do the work required and have neither been previously admitted to the

University nor refused as candidates for admission. The applicant must be at least twenty-one years of age; he must have had a good high school training or its equivalent, including particularly a good working knowledge of plane geometry and of algebra through quadratic equations; and should be familiar with the details and proportions of the classic orders of architecture. He must have had at least three years experience in some good architect's office, or its equivalent, and shall submit with his application examples of his draftsmanship. Architectural drawings in particular are required, and the applicant should submit any additional work that would show his artistic ability or his skill as draftsman. The application should be accompanied by a certificate that the drawings submitted are the work of the applicant.

THE CURRICULUM OF FOUR YEARS IN ARCHITECTURE

Freshman Year	No. of Course	1st Term	2d Term
Analytic Geometry and Calculus.....	8	3	3
Descriptive Geometry.....	9	3	—
History of Architecture.....	10	3	3
Elements of Architecture.....	11	2	4
Freehand Drawing.....	12	3	3
Shades and Shadows.....	13	1	—
Water Color Painting.....	14	—	2
Masonry Construction.....	15	—	2
Building Stones and Clay Products.....	30	2	—
Summer Reading.....			

Sophomore Year	No. of Course	1st Term	2d Term
History of Architecture.....	20	3	—
Design.....	21	8	8
Drawing from the Antique.....	22	1	2
Adv. Water Color Painting.....	23	2	—
Perspective.....	24	—	1
Historic Ornament.....	25	—	2
Modeling.....	26	—	2
Mechanics.....	27	—	2
Stereotomy.....	28	1	—
Oral Expression.....	29	3	—
Summer Reading.....			

Junior Year (after 1914-15)	No. of Course	1st Term	2d Term
History of Painting and Sculpture.....	30	1	1
Design.....	31	—	10
Design.....	31a	2	—
Drawing from the Antique.....	32	2	—
Fire-Resisting Construction.....	33	1	—
Planning of Domestic Buildings.....	34	2	—
Specifications.....	34a	1	—
Working Drawings.....	34b	5	—
Strength of Materials.....	35	3	—
Structural Design.....	35a	—	5
Heating, Plumbing, and Lighting.....	36	—	2

Senior Year (after 1915-16)	No. of Course	1st Term	2d Term
Modern Architecture.....	40	—	2
Design.....	41	10	8
Design.....	41a	—	4
Life Class.....	42	3	—
Elective.....		3	2

Junior Year (1914-15)		No. of Course	1st Term	2d Term
History of Painting and Sculpture.....	30		1	1
Design	31		—	10
Design	31a		2	—
Modeling in Clay.....	32		2	—
Planning of Domestic Buildings.....	34		2	—
Specifications.....	34a		1	—
Working Drawings.....	34b		5	—
Mechanics, Strength of Materials, etc.....	35		4	5
Heating, Plumbing, and Lighting.....	36		—	2
Senior Year (1914-15 and 1915-16)		No. of Course	1st Term	2d Term
Modern Architecture.....	40		—	2
Design	41		10	8
Design	41a		—	4
Life Class.....	42		2	—
Seminary.....	43		1	1
Fire-Resisting Construction.....	44		—	1
Elective			3	—

THE CURRICULUM OF FOUR YEARS IN CONSTRUCTION

Freshman Year		No. of Course	1st Term	2d Term
Analytic Geometry and Calculus.....	8		3	3
Descriptive Geometry.....	9		3	—
History of Architecture.....	10		3	3
Elements of Architecture.....	11		2	4
Freehand Drawing.....	12		3	3
Shades and Shadows.....	13		1	—
Physics	2		—	5
Geology	30		2	—
Summer Reading.....				

Sophomore Year		No. of Course	1st Term	2d Term
Masonry Construction.....	15		—	2
Design	21		8	8
Perspective	24		—	1
Stereotomy	28		1	—
Mechanics (C.E.).....	20		5	5
Physics	7		3	—
Materials Laboratory (C.E.).....	22		—	2
Summer Reading.....				

Junior Year		No. of Course	1st Term	2d Term
History of Architecture.....	20		3	—
Antique, Water Color, or Modeling.....			2	—
Planning of Domestic Buildings.....	34		2	—
Specifications.....	34a		1	—
Working Drawings.....	34b		5	—
Structural Design (C. E.).....	71		4	4
Materials of Construction (C. E.).....	25		—	3
Physics	10 or 14		—	2

Junior Year—Cont'd		No. of Course	1st Term	2d Term
Concrete Construction (C. E.).....	77		—	3
Heating, Plumbing, and Lighting.....	36		—	2
Modern Architecture.....	40		—	2
Oral Expression.....	29		—	3

	Senior Year	No. of Course	1st Term	2d Term
Design		31	—	10
Design		31a	2	—
Fire-Resisting Construction.....		33	1	—
Steel Buildings (C. E.).....		76	—	3
Not less than 16 hours from the following:				
Wood Technology (Forestry).....		8	—	2
Political Economy.....		51	3	3
Testing Materials (C. E.).....		27	3	—
Higher Structures (C. E.).....		73	3	or 3
Masonry Foundations (C. E.).....		74	3	or 3
Reinforced Concrete (C. E.).....		72	2	or 2
Cost Keeping and Management (C. E.).....		89	2	—
Specifications and Contracts (C. E.).....		90	2	or 2
Engineering Design (C. E.).....		91f	3	or 3
Engineering Problems (C. E.).....		29	2	or 2

TWO YEAR SPECIAL CURRICULUM IN ARCHITECTURE

This special curriculum does not lead to a degree, but a certificate will be issued upon its satisfactory completion. Where students are prepared to do advanced work, arrangements will be made, within the limits of the curriculum, to meet individual cases.

	First Year	No. of Course	1st Term	2d Term
History of Architecture.....		10	3	3
Design		21	8	8
Freehand Drawing.....		12	3	3
Descriptive Geometry.....		9	3	—
Shades and Shadows.....		13	1	—
Perspective		24	—	1
Water Color Painting.....		14	—	2
	Second Year	No. of Course	1st Term	2d Term
History of Architecture.....		20	3	—
Design		41	10	8
Design		41a	—	4
Drawing from the Antique.....		22	1	2
Advanced Water-Color Painting.....		23	2	—
Modeling in Clay.....		32	2	2
Modern Architecture.....		40	—	2

THE CURRICULUM OF FIVE YEARS IN ARCHITECTURE

The curriculum of five years is intended primarily for students who are, in respect of advanced mathematics, unable to meet the requirements for entrance to one of the curricula of four years in the College of Architecture. In the freshman year of the five year curriculum, the lacking mathematical subjects must be taken, and in addition, there is opportunity for a considerable amount of elective work in the College of Arts and Sciences, or in one or both of the Colleges of Engineering. The specific details of the five year curriculum are arranged to suit the needs of the individual student; it however includes all the work of the regular four year curriculum or of the curriculum of four years in construction.

The Degrees of A. B. and B. Arch.

In accordance with the rules of the College of Arts and Sciences, qualified seniors in that college may take their senior year in the College of Architecture, receiving the degree of A.B. at the end of the year. If by their privileges of election of subjects in the College of Arts and Sciences, these seniors have during their first three years completed the required freshman subjects in architecture,

they may thus, by the end of their fourth year of residence, complete the architectural subjects required in the sophomore year. The fifth year and the sixth year of residence, with registration in the College of Architecture, will then be the junior year and the senior year of the curriculum of four years in the College of Architecture.

By special arrangement between the colleges concerned, a student may in six years secure the degree of Bachelor of Architecture and the degree of Civil Engineer

COURSES OF INSTRUCTION

- 1a. **Elementary Freehand Drawing.** Throughout the year, credit two hours a term. Mr. GUTSELL and Mr. CHAMBERLAIN.
- 1b. **Elementary Freehand Drawing.** Throughout the year, credit three hours a term. Mr. GUTSELL and Mr. CHAMBERLAIN.
- 2a. **Advanced Freehand Drawing.** Throughout the year, credit two hours a term. Prerequisite course 1b. Mr. GUTSELL and Mr. CHAMBERLAIN.
- 2b. **Advanced Freehand Drawing.** Throughout the year, credit three hours a term. Prerequisite course 1b. Mr. GUTSELL and Mr. CHAMBERLAIN.
9. **Descriptive Geometry.** First term, credit three hours. Assistant Professor YOUNG and Mr. BAXTER. Lectures and drawings nine hours a week.
10. **History of Architecture.** Throughout the year, credit three hours a term. Professor PHELPS. Lectures with assigned readings, sketches, and examinations.
11. **Elements of Architecture.** Throughout the year, credit two hours first term and four hours second term. Mr. HORN. Three hours a week for each hour of credit.
12. **Freehand Drawing.** Throughout the year, credit three hours a term. Mr. GUTSELL and Mr. CHAMBERLAIN. Nine hours a week.
13. **Shades and Shadows.** Beginning about Nov. 15 and continuing through the term, credit one hour. Must follow or be accompanied by descriptive geometry. Professor MARTIN and Mr. HORN. White Hall. Lectures and drawing.
14. **Water Color Painting.** Second term, credit two hours. Prerequisite course 12. Assistant Professor MIDJO and Mr. GUTSELL. Six hours a week.
15. **Masonry Construction.** Second term, credit two hours. Professor MARTIN. Lectures and recitations, supplemented by drawing and by inspection of actual work.
20. **History of Architecture.** First term, credit three hours. Prerequisite course 10. Professor PHELPS. Lectures with assigned readings, sketches, and examinations.
21. **Design.** Throughout the year, credit eight hours a term. Prerequisite courses 11 and 13. Assistant Professor BURNHAM. About twenty-four hours a week.
22. **Drawing from the Antique.** Throughout the year, credit one hour first term and two hours second term. Prerequisite course 12. Professor BRAUNER and Assistant Professor MIDJO.
23. **Advanced Water Color Painting.** First term, credit two hours. Prerequisite course 14. Assistant Professor MIDJO and Mr. GUTSELL. This is given in conjunction with course 22 and requires nine hours a week for two-thirds of the term, while course 22 requires nine hours a week for one-third of the term.
24. **Perspective.** Second term, credit one hour. Prerequisite courses 9 and 11. Professor MARTIN and Mr. BAXTER. Lectures and drawing.
25. **Historic Ornament.** Second term, credit two hours. Prerequisite courses 10 and 20. Professor PHELPS. Lectures and examinations.
26. **Modeling.** Second term, credit two hours. Professor BRAUNER and Assistant Professor MIDJO. Six hours a week.
27. **Mechanics.** Second term, credit two hours. Assistant Professor YOUNG. Recitations.
28. **Stereotomy.** First term, credit one hour. Prerequisite course 9. Assistant Professor YOUNG and Mr. BAXTER.
30. **History of Painting and Sculpture.** Throughout the year, credit one hour a term. Professor PHELPS.
- 30a. **History of Art in Italy.** Throughout the year, credit two hours a term. Mr. GUTSELL. Not given in 1914-15.
- 30b. **Art North of the Alps.** Throughout the year, credit two hours a term. Mr. GUTSELL. Courses 30a and 30b are given in alternate years.
31. **Design.** Second term, credit ten hours. Professor BOSSANGE. A continuation of course 21. About thirty hours a week.
- 31a. **Design.** First term, credit two hours. Prerequisite course 21. Professor BOSSANGE. Six hours a week, drawing and criticism.
32. **Drawing from the Antique.** First term, credit two hours. Prerequisite course 22. Professor BRAUNER and Assistant Professor MIDJO. Six hours a week.

33. **Fire Resisting Construction.** Second term, credit one hour. Professor MARTIN. Lectures with supplementary reading.
34. **Planning of Domestic Buildings.** First term, credit two hours. Prerequisite course 21. Professors MARTIN and BOSSANGE. Four lectures and about twenty hours drafting a week during the early part of the term.
- 34a. **Specifications.** First term, credit one hour. Prerequisite course 34. Professor MARTIN.
- 34b. **Working Drawings.** Latter part of the first term, credit five hours. Prerequisite course 34. Professors MARTIN and BOSSANGE. Courses 34a and 34b continue the work of course 34.
35. **Mechanics, Strength of Materials, etc.** First term, credit four hours; second term, credit five hours. Assistant Professor YOUNG and Mr. BAXTER.
35. **Strength of Materials.** After 1914-15. First term, credit three hours. Prerequisite course 27. Assistant Professor YOUNG and Mr. BAXTER.
- 35a. **Structural Design.** Second term, credit five hours. Prerequisite courses 27 and 35. Assistant Professor YOUNG and Mr. BAXTER. Lectures and reports.
36. **Heating, Plumbing, and Lighting.** Second term, credit two hours. Professor MARTIN and Assistant Professor YOUNG. Lectures and problems.
40. **Modern Architecture.** Second term, credit two hours. Prerequisite courses 10 and 20. Professor PHELPS.
41. **Design.** Throughout the year, credit ten hours first term, and eight hours second term. Prerequisite courses 21 and 31. Acting Professor KAHN. Continuation of Courses 21, 31, and 31a with advanced problems. Thirty to thirty-six hours a week.
- 41a. **Design.** Second term, credit four hours. Acting Professor KAHN. A continuation of course 41 consisting of a single major problem studied and worked up in detail as a thesis problem.
42. **Life Class.** Throughout the year, credit three hours first term and two hours second term. Professor BRAUNER and Assistant Professor MIDJO. Three hours a week for each hour of credit.
- 43a. **Seminary in the History of Architecture.** Throughout the year, credit one hour a term. Prerequisite courses 10 and 20. Professor PHELPS.
50. **History of Architecture.** Throughout the year. Credit one hour a term. Professor PHELPS. Illustrated lectures with assigned reading and examinations.
- Summer Reading.** In addition to the regular studies of the freshman and sophomore years the students are required to read during the summer recess, books of their own selection from assigned lists. The lists are prepared and one or more introductory lectures are given by one of the professors in the Department of English.

SCHOLARSHIPS AND PRIZES. The Sands Memorial Medal and the Brown Memorial Medal are awarded annually for especially meritorious work in design; the Fuertes Memorial Prizes in Public Speaking are awarded to students in the Colleges of Architecture, Mechanical Engineering, and Civil Engineering. For these and for the scholarships and prizes that are open to all students of the University, see page 154.

Graduates of the College of Architecture are admitted without examination to the preliminary competitions for scholarships in the American Academy in Rome; and they are excused from the usual examinations, except those relating to practical experience, required for admission to the American Institute of Architects and for license in those states where a license is required for the practice of architecture.

COLLEGE OF CIVIL ENGINEERING

For detailed information concerning the work of the College of Civil Engineering, candidates for admission to that college should consult the Announcement of the College of Civil Engineering which will be sent gratis on application to the Secretary of the University.

FACULTY

- JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.
EUGENE ELWIN HASKELL, C.E., Director of the College of Civil Engineering and Professor of Experimental Hydraulics.
CHARLES LEE CRANDALL, C.E., M.C.E., Professor of Railroad Engineering.
IRVING PORTER CHURCH, C.E., M.C.E., Professor of Applied Mechanics and Hydraulics, in charge of the College Library.
HENRY SYLVESTER JACOBY, C.E., Professor of Bridge Engineering.
HENRY NEELY OGDEN, C.E., Professor of Sanitary Engineering.
JOHN THOMAS PARSON, Assistant Professor of Drawing, in charge of the Photographic and Drawing Collections.
ERNEST WILLIAM SCHODER, B.S., Ph.D., Assistant Professor of Experimental Hydraulics, in charge of the Hydraulic Laboratory.
FRED ASA BARNES, C.E., M.C.E., Assistant Professor of Railroad Engineering.
ORA MINER LELAND, B.S. (C.E.), Assistant Professor of Geodesy and Astronomy, in charge of the Department of Topographic and Geodetic Engineering.
MILES ALBION POND, Ph.B., Assistant Professor of Civil Engineering, in charge of Descriptive Geometry.
FRANCIS JOSEPH SEERY, S.B., Assistant Professor of Civil Engineering.
ERNEST WILLIAM RETTGER, A.B., Ph.D., Assistant Professor of Applied Mechanics.
SIDNEY GONZALES GEORGE, C.E., Assistant Professor of Applied Mechanics and Secretary of the College Faculty.
CHARLES LEOPOLD WALKER, C.E., Assistant Professor of Sanitary Engineering.
KENNETH BERTRAND TURNER, C.E., M.C.E., Assistant Professor of Hydraulics.
ADELBERT PHILO MILLS, B.S. (C.E.), M.S. (C.E.), Assistant Professor of Testing Materials.
PAUL HALLADAY UNDERWOOD, C.E., Assistant Professor of Topographic and Geodetic Engineering.
LEONARD ALEXANDER LAWRENCE, B.S., Instructor in Surveying.
JOHN CLARENCE MCCURDY, B.S., C.E., Instructor in Surveying.
EARLE NELSON BURROWS, C.E., M.C.E., Instructor in Bridge Engineering.
JULIUS FREDERICK BRAUNER, C.E., Instructor in Civil Engineering.
WALTER LICHTENTHAELER CONWELL, C.E., Instructor in Civil Engineering.
LEONARD CHURCH URQUHART, C.E., Instructor in Bridge Engineering.
ERNEST CHARLES WHITE, C.E., Instructor in Civil Engineering.
WILLIAM EDWARD BEITZ, C.E., Instructor in Civil Engineering.
CARL CRANDALL, C.E., Instructor in Civil Engineering.
HENRY WILLIAM BUTTS, C.E., Instructor in Materials Laboratory.
CARL HARMAN KNOETTGE, B.A. and B.S. in C.E., Instructor in Bridge Engineering.
HERBERT VINTON HOTCHKISS, B.S. in C.E., Instructor in Civil Engineering.
EDWARD RAY STAPLEY, C.E., Instructor in Civil Engineering.

THE DEGREE OF CIVIL ENGINEER

For admission to the College of Civil Engineering, see page 35; for tuition in the College of Civil Engineering, see page 42.

The undergraduate instruction for students in the College of Civil Engineering leads to the degree of Civil Engineer, the requirement for which is the completion of one of the following curricula. For the requirements in military science and tactics and in physical culture, see page 162.

1. The curriculum of four years in civil engineering.
2. The curriculum of five years in civil engineering.

The Curriculum of Four Years in Civil Engineering

FRESHMAN YEAR		No. course	First term	Second term
Analytics	.....	5	5	—
Differential and Integral Calculus	.....	5	—	6
Physics	.....	2	5	—
Physics	.....	7	—	3
Chemistry	.....	1	—	6
Descriptive Geometry	.....	1	2	3
Drawing	.....	2	2	—
Elementary Surveying	.....	10	3	—

During the first term there will be offered to the freshmen, without credit, a course of weekly lectures devoted to a general discussion in the field of civil engineering.

SOPHOMORE YEAR		No. course	First term	Second term
Geology	.....	31	3	3
Mechanics of Engineering	.....	20	5	5
Materials Laboratory	.....	22	2 or 0	0 or 2
Drawing	.....	4	0 or 3	4 or 1
Advanced Surveying	.....	11	—	4
Materials of Construction	.....	25	3 or 0	0 or 3
Physics	.....	14	0 or 2	2 or 0
Chemistry	.....	6	5	—
Summer Survey (Six weeks in June and July)	.....	13	—	6

The work of the junior and senior years consists of the studies in some one of the six groups shown in the appended tabulation: (a) general; (b) geodetic; (c) hydraulic; (d) sanitary; (e) railroad; (f) bridge. The selection of the group is made at the beginning of the junior year.

The general group is recommended for all students who have no urgent reasons for electing one of the special groups.

Course No.		JUNIOR YEAR											
		Gen. (a)		Geod. (b)		Hyd. (c)		San. (d)		R. R. (e)		Bridge (f)	
		I-II		I-II		I-II		I-II		I-II		I-II	
51	Political Economy	3	3	3	—	—	—	—	—	3	3	3	3
60	Railroads	4	4	4	4	4	2	4	2	4	4	4	4
71	Bridges	4	4	4	4	4	4	4	—	4	4	4	4
23	Hydraulics	3	3	3	3	3	3	3	3	3	3	3	3
52	Municipal Engineering	—	3	—	3	—	3	—	3	—	3	—	3
29	Engineering Problems	—	—	—	—	—	2	—	2	—	—	—	—
14	Survey Computations and Mapping	4	—	4	—	3	1	4	—	4	—	4	—
50	Sanitary Biology	—	—	—	—	—	—	3	2	—	—	—	—
76	Chemistry; Water Analysis	—	—	—	—	—	—	—	3	—	—	—	—
E12	Electrical Engineering	—	—	—	—	4	—	—	—	—	—	—	—

Course No.	Gen. (a) I-II	Geod. (b) I-II	Hyd. (c) I-II	San. (d) I-II	R. R. (e) I-II	Bridge (f) I-II
77 Concrete Construction.....	-	-	3	-	-	-
6 Public Speaking.....	-	2	-	2	-	-
64 Roads and Pavements.....	-	1	-	1	-	-
	18	17	18	18	18	17

SENIOR YEAR

Course No.	Gen. (a) I-II	Geod. (b) I-II	Hyd. (c) I-II	San. (d) I-II	R. R. (e) I-II	Bridge (f) I-II
16 Advanced Topographic Surveying	-	2	-	-	-	-
17 Geodesy and Geodetic Laboratory	-	3	-	-	-	-
18 Geodetic Astronomy.....	-	3	-	-	-	-
26 Advanced Mechanics.....	3	-	-	-	3	-
29 Engineering Problems.....	2	2	-	-	2	2
30 Water Supply	3 or 3	3	3	3	3 or 3	3
31 Hydraulic Construction.....	-	3	3	-	-	-
32 Water Power Engineering.....	-	-	3	-	-	-
41 Hydraulic Measurements.....	-	-	3	-	-	-
42 Experimental Hydraulic Motors and Pumps.....	-	-	3	-	-	-
53 Purification and Control of Water Supplies.....	-	-	-	-	3	-
53a Sewage and Water Purification	2	-	-	-	-	-
54 Sewage Works.....	-	-	-	3	-	-
55 Sanitary Laboratory.....	-	-	-	3	-	-
61 Railroad Maintenance of Way	-	-	-	-	3	-
62 Railroad Operation and Management	-	-	-	-	3	-
64 Roads and Pavements.....	1	-	1	-	1	1
71 Structural Design.....	-	-	-	4	-	-
72 Reinforced Concrete Arches...	-	-	-	-	-	3
73 Higher Structures.....	-	-	-	-	-	3
74 Masonry and Foundations.....	3 or 3	-	-	-	-	3
77 Concrete Construction.....	3 or 3	3	-	3	3 or 3	3
90 Specifications and Contracts...	2	2	2	2	2	2
91 Engineering Design.....	3	3	3	3	3	3
92 Thesis	3 or 3	3	3	3	3	3
51 Political Economy.....	-	-	3	3	-	-
E12 Electrical Engineering.....	4	4	-	4	4	4
E23 Generation and Distribution of Electrical Energy.....	-	-	2	-	-	-
P11 Steam Machinery.....	3	3	3	3	3	3
	17	15	17	17	15	19
	18	18	15	19	18	17

In the general group a senior may, with the approval of his class adviser, substitute three hours for advanced mechanics, first term, or for masonry and foundations, second term, or for both. Engineering design in the general group and in the geodetic group may be taken in any one of the other groups by approval of the head of the department concerned. Work in engineering design or in investigation may be substituted for the required thesis. But this substitution must be approved by the professor in charge of the group which the student has elected. For the general group the substitution must be approved by the class adviser and by the department concerned.

The Curriculum of Five Years in Civil Engineering

FIRST YEAR	No. course	First term	Second term
Solid Geometry, Trigonometry.....	1, 3	6	—
Advanced Algebra.....	2	—	5
Chemistry.....	1, 6	6	5
Drawing.....	2, 4	2	4
Elective in any college of the University.....		3	3
		<hr/> 17	<hr/> 17

SECOND YEAR	No. course	First term	Second term
Analytic Geometry.....	5	5	—
Calculus.....	5	—	6
Physics.....	2, 7	5	3
Descriptive Geometry.....	1	2	3
Surveying.....	10, 11	3	4
Elective in any college of the University.....		2	0
		<hr/> 17	<hr/> 16
Summer Survey (six weeks in June and July)	13		6

THIRD YEAR	No. course	First term	Second term
Geology.....	31	3	3
Mechanics.....	20	5	5
Materials Laboratory.....	22	—	2
Materials of Construction.....	25	—	3
Physics.....	14	2	—
Survey Computations and Mapping.....	14	4	—
Elective in any college of the University.....		3	3
		<hr/> 17	<hr/> 16

The fourth year and the fifth year are identical with the third year and the fourth year of the curriculum of four years, except that course 14 will be replaced in the fourth year of the five year curriculum by Elective 4 hours in the first term.

THE DEGREES OF BACHELOR OF ARTS AND CIVIL ENGINEERING

In accordance with the rules of the College of Arts and Sciences, qualified seniors in that college may take their senior year in the College of Civil Engineering, receiving the degree A.B. at the end of the year. If by their privileges of election of subjects in the College of Arts and Sciences, these seniors have during their first three years completed the required freshman subjects in civil engineering, they may thus, by the end of their fourth year of residence, complete the engineering subjects required in the sophomore year. The fifth and the sixth year of residence, with registration in the College of Civil Engineering, will then be the junior year and the senior year respectively of the curriculum of four years in the College of Civil Engineering.

COURSES OF INSTRUCTION

Descriptive Geometry and Drawing

1. **Descriptive Geometry.** Credit two hours first term, and three hours second term. Assistant Professor POND.
2. **Drawing and Lettering.** Credit two hours. Six hours a week during first term. Assistant Professor POND.
4. **Drawing and Lettering.** Second term, credit four hours for one-half of the class; and for the other half, a credit of three hours first term and one hour second term. Prerequisite course 1. Assistant Professor PARSON.

Topographic and Geodetic Engineering

10. **Elementary Surveying.** First term, credit three hours. One recitation and two field or computation periods a week. Assistant Professor LELAND, and Messrs. LAWRENCE, McCURDY, BAKER, and C. CRANDALL.
11. **Advanced Surveying.** Second term, credit four hours. Prerequisite course 10. Assistant Professors LELAND and UNDERWOOD, and Messrs. LAWRENCE and McCURDY.
- 11a. **Advanced Surveying.** Primarily for students in forestry and landscape art. Second term, credit four hours. Prerequisite course 10. Assistant Professor LELAND and Mr. LAWRENCE.
12. **Elementary Surveying.** Primarily for students in Sibley College. Second term, credit two hours. Mr. McCURDY.
13. **Summer Survey; Topographic, Hydrographic, and Geodetic Survey; Camp.** Six weeks in June and July; credit six hours. Prerequisite course 11. Assistant Professors LELAND and UNDERWOOD, and Messrs. LAWRENCE, and McCURDY and six others.
14. **Survey Computations and Mapping.** First term, credit four hours. Prerequisite course 13. Assistant Professors LELAND and UNDERWOOD, and Messrs. LAWRENCE and BAKER.
15. **Least Squares; Adjustment of Observations.** Prerequisite, calculus and physics. First term, credit two hours. Lectures and recitations. Assistant Professor UNDERWOOD.
16. **Advanced Topographic Surveying.** Prerequisite courses 11 and 13. First term, credit two hours. Assistant Professor LELAND.
17. **Geodesy and Geodetic Laboratory.** Prerequisite course 11. First term, credit three hours. Lectures, readings, discussions, and laboratory work. Assistant Professor LELAND.
18. **Geodetic Astronomy.** Second term, credit three hours. Prerequisite course 11. Lectures, recitations, and observations. Assistant Professors LELAND and UNDERWOOD.

Applied Mechanics and Hydraulics

20. **Mechanics of Engineering.** Throughout the year, credit five hours a term. Prerequisite mathematics, course 5. Professor CHURCH, Assistant Professors GEORGE and RETTGER, and Messrs. BRAUNER and C. CRANDALL.
22. **Materials Laboratory.** Either term (one-half of the class each term), credit two hours. Must be preceded by, or taken with, course 20 and must be taken with course 25. Assistant Professor MILLS, and Mr. BRAUNER.
23. **Hydraulics.** Throughout the year, credit three hours. Prerequisite course 20. Lectures and recitations. Professor CHURCH, and Assistant Professors GEORGE, SCHODER, and TURNER.
25. **Materials of Construction.** Either term (one-half of the class each term), credit three hours. Must be preceded by, or taken with, course 20, and must be taken with course 22. Recitations. Assistant Professor MILLS and Mr. BRAUNER.
26. **Advanced Mechanics.** Either term, credit three hours. Prerequisite course 20. Recitations. Professor CHURCH and Assistant Professor RETTGER.
27. **Testing Materials.** Second term, credit three hours. Prerequisite courses 22 and 25 or their equivalents. Seven and one-half hours a week. Assistant Professor MILLS and Mr. CONWELL.
29. **Engineering Problems.** Given in the second term for juniors of the hydraulic and sanitary groups; and in the first term for seniors of all other groups. Credit two hours. Prerequisite courses 20 and 23. Computations and reports; six hours a week. Professor CHURCH, and Assistant Professors GEORGE, RETTGER, and TURNER.

Hydraulic Engineering

30. **Water Supply.** Either term, credit three hours. Prerequisite course 23. Recitations and problems. Assistant Professors SEERY and WALKER.
31. **Hydraulic Constructions.** Second term, credit three hours. Two recitations and one computing period a week. Assistant Professor SEERY.
32. **Water Power Engineering.** First term, credit three hours. Prerequisite course 23. Recitations and problems. Assistant Professor SEERY.

Experimental Hydraulics

41. **Hydraulic Measurements.** Second term, credit three hours. Prerequisite course 23. Three three-hour periods a week. Assistant Professors SCHODER and TURNER.
42. **Experimental Hydraulic Motors and Pumps.** First term, credit three hours. Three three-hour periods a week. Assistant Professors SCHODER and TURNER.
43. **Experimental Hydraulic Investigation.** Either term, credit three hours. Three three-hour periods a week. Assistant Professor SCHODER.
44. **Advanced Experimental Hydraulics.** The facilities of the Hydraulic Laboratory are available for thesis work and for experimental investigations. Professor HASKELL and Assistant Professor SCHODER.

Municipal and Sanitary Engineering

50. **Sanitary Biology.** Second term, credit five hours. Prerequisite Chemistry, course 6. Three recitations and two laboratory periods a week. Assistant Professor WALKER.
52. **Municipal Engineering.** Second term, credit three hours. Prerequisite course 23. Recitations, lectures, and problems. Professor OGDEN and Assistant Professor WALKER.
53. **Purification and Control of Water Supplies.** Second term, credit three hours. Prerequisite course 23. Professor OGDEN.
- 53a. **Sewage and Water Purification.** First term, credit two hours. Prerequisite course 52. Lectures, recitations, and problems. Professor OGDEN.
54. **Sewage Works.** First term, credit three hours. Prerequisite course 52. Lectures and recitations. Three hours a week for fifteen weeks. Professor OGDEN.
55. **Sanitary Laboratory.** First term, credit three hours. Prerequisite courses 50, 52, and Chemistry 6. Nine hours a week. Professor OGDEN.
56. **Municipal Engineering.** Lectures, reports, and readings. Three hours. For graduates. Professor OGDEN.
57. **Purification of Water.** Three hours. For graduates. Professor OGDEN.
58. **Conference on Present Methods of Sewage Disposal.** Inspection and reports. Three hours. For graduates. Professor OGDEN.
59. **A Laboratory Course for Graduates.** Professor OGDEN and Assistant Professor WALKER.

Railroad and Highway Engineering

60. **Railroad Surveying, Construction, and Economics.** Throughout the year, credit four hours a term. Prerequisite courses 10, 11, and 13. Professor CRANDALL, Assistant Professor BARNES, and Messrs. CONWELL and WHITE.
61. **Railroad Maintenance of Way.** First term, credit three hours. Prerequisite course 60. Lectures and recitations. Professor CRANDALL.
62. **Railroad Operation and Management.** Second term, credit three hours. Prerequisite course 60. Lectures and recitations. Assistant Professor BARNES.
63. **Railroad Construction and Maintenance.** For students in Sibley College. Second term, credit two hours. Recitations. Assistant Professor BARNES.
64. **Roads and Pavements.** Either term, credit one hour. Prerequisite course 60. Lectures and recitations. Professor CRANDALL and Mr. CONWELL.
65. **Highway Engineering.** Second term, credit three hours. Prerequisite course 60. Lectures and recitations. Professor CRANDALL and Mr. CONWELL.

Bridge Engineering

71. **Structural Design.** Throughout the year, credit four hours a term. Prerequisite course 20. Structural details, first term, eight weeks; Bridge Stresses, first term, two hours a week for eight weeks, thereafter four hours a week; Bridge Design, second term. Professor JACOBY, and Messrs. BURROWS, URQUHART, and BEITZ.
72. **Reinforced Concrete Arches.** Either term, credit three hours. Prerequisites course 20 and first part of course 71. Lectures, computation, and drawing. Messrs. BURROWS and URQUHART.
73. **Higher Structures.** Either term, credit three hours. Prerequisite courses 20 and 71. Recitations. Professor JACOBY.
74. **Masonry and Foundations.** Either term, credit three hours. Prerequisite course 20. Recitations, collateral reading, and reports. Professor JACOBY.
76. **Steel Buildings.** Second term, credit three hours. Prerequisite courses 20 and 71. Recitations, lectures, and reports. Six hours a week for eleven weeks, thereafter three hours a week.
77. **Concrete Construction.** Either term, credit three hours. One recitation and two drawing periods a week. Messrs. BURROWS and URQUHART.

Specifications, Designs, Etc.

89. **Cost Keeping and Management.** First term, credit two hours. Assistant Professor BARNES.

90. **Specifications and Contracts.** Two hours, either term. Lectures and recitations. Professor CRANDALL and Assistant Professor BARNES.

91. **Engineering Design.** Credit three hours.

Engineering design for students in the general group (a) and in the geodetic group (b) may be taken in any one of the other groups by approval of the head of the department concerned. (c) **Hydraulic Engineering.** Second term. Prerequisite courses 23 and 29. Professor CHURCH and Assistant Professors GEORGE and RETTGER. (d) **Sanitary Engineering.** First term. Must be preceded by or taken at the same time as course 54. Professor OGDEN. (e) **Railroad Engineering.** Second term. Professor CRANDALL. (f) **Bridge Engineering.** Second term. Prerequisite course 71, and for certain designs, courses 73 and 77. Professor JACOBY, and Messrs. BURROWS and HITCHCOCK.

92. **Thesis.** Credit three hours.

MEDALS AND PRIZES

The Fuertes Medals, two in number, are awarded annually on the recommendation of the Faculty of the College of Civil Engineering. For these medals, see page 157.

The Fuertes Memorial Prizes in Public Speaking and the **Charles H. Baker Public Speaking Prizes** are awarded only to students in the Colleges of Civil Engineering, Mechanical Engineering, and Architecture. For these and for the scholarships and prizes that are open to all students of the University, see page 154.

The William C. Seidell Book Fund of \$1,000, founded by Gerrit S. Miller. The income is used for the purchase of books for poor young men who are working their way through the College of Civil Engineering. Preference is given to members of the freshman class.

SIBLEY COLLEGE OF MECHANICAL ENGINEERING AND THE MECHANIC ARTS

For detailed information concerning the work of Sibley College, candidates for admission to that college should consult the Announcement of Sibley College which will be sent gratis on application to the Secretary of the University.

FACULTY

- JACOB GOULD SCHURMAN, A.M., D.Sc., LL.D., President of the University.
- ALBERT WILLIAM SMITH, B.M.E., M.M.E., Director of the College, Dean of the Faculty, and Professor of Power Engineering, in charge of the Department.
- ROLLA CLINTON CARPENTER, M.S., C.E., M.M.E., LL.D., Professor of Experimental Engineering, in charge of the Department of Engineering Research.
- DEXTER SIMPSON KIMBALL, A.B., M.E., Professor of Machine Design and Construction, in charge of the Department.
- GEORGE ROBERT McDERMOTT, Professor of Structural Design.
- HERMAN DIEDERICH, M.E., Professor of Experimental Engineering, in charge of the Department.
- WILLIAM NICHOLS BARNARD, M.E., Professor of Power Engineering, and Secretary of the College.
- VLADIMIR KARAPETOFF, C.E., Professor of Electrical Engineering, acting as Professor in charge of the Department.
- CLARENCE FLOYD HIRSHFELD, B.S., M.M.E., Professor of Power Engineering. (Leave of Absence.)
- HOWARD DRYSDALE HESS, M.E., Professor of Machine Design.
- EDGAR HARPER WOOD, M.M.E., Professor of Mechanics of Engineering, in charge of the Department.
- GEORGE STANLEY MACOMBER, M.E., Assistant Professor of Electrical Engineering. (Leave of Absence.)
- CALVIN DODGE ALBERT, M.E., Assistant Professor of Machine Design.
- WILL MILLER SAWDON, B.S., M.M.E., Assistant Professor of Experimental Engineering, assigned to the Department of Engineering Research.
- WALTER STEBBINS FORD, M.E., Assistant Professor of Electrical Engineering.
- GEORGE BURR UPTON, M.M.E., Assistant Professor of Experimental Engineering.
- LESLIE DAVID HAYES, M.E., Assistant Professor of Machine Design.
- SEYMOUR STANTON GARRETT, C.E., Assistant Professor of Mechanics of Engineering.
- ALBERT EDWARD WELLS, Assistant Professor of Machine Construction, in charge of Shops.
- ROBERT LONG DAUGHERTY, A.B., M.E., Assistant Professor of Hydraulics.
- FRANK OAKES ELLENWOOD, A.B., Assistant Professor of Power Engineering.
- VICTOR RAYMOND GAGE, M.E., Assistant Professor of Experimental Engineering.
- ROBERTSON MATTHEWS, M.E., Assistant Professor of Power Engineering.
- CLARENCE WALTER HAM, M.E., Assistant Professor in Machine Design.
- HENRY LIVINGSTON FREEMAN, M.M.E., Instructor in Machine Design.
- FRANK GIRARD TAPPAN, A.M., M.E., Instructor in Electrical Engineering.
- DANIEL ROBERT FRANCIS, E.E., B.A., Instructor in Mechanics of Engineering.
- W. RODNEY CORNELL, B.Sc., Instructor in Mechanics of Engineering.

ARTHUR GRAHAM BIERMA, M.E., Instructor in Electrical Engineering.
HENRY MARK PARMLEY, M.M.E., Instructor in Mechanics of Engineering.
FRED EDGAR KLINCK, M.E., Instructor in Experimental Engineering.
MYRON A. LEE, M.M.E., Instructor in Machine Design.
CHARLES DUDLEY CORWIN, M.E., Instructor in Machine Design.
WARREN HOWARD HOOK, M.E., Instructor in Experimental Engineering.
JOHN GEORGE PERTSCH, M.E., Instructor in Electrical Engineering.
CLARENCE ELLSWORTH TOWNSEND, M.E., Instructor in Machine Design.
WILLIAM CYRUS BALLARD, M.E., Instructor in Electrical Engineering.
CLARENCE ANDREW PEIRCE, A.B., M.E., Instructor in Power Engineering.
PAUL BURNS EATON, M.E., Instructor in Machine Design.
GROVER CLEVELAND MILLS, B.M.E., Instructor in Machine Design.
ALEXANDER CHILSON STEVENS, M.E., Instructor in Electrical Engineering.
ROBERT FRANKLIN CHAMBERLAIN, M.E., Instructor in Electrical Engineering.
ROBERT LOUIS STEVENSON, B.S. in E.E., Instructor in Electrical Engineering.
WILLIAM JACOB DIEDERICH, M.E., Instructor in Experimental Engineering.
RALPH BURNETTE DAY, M.E., Instructor in Mechanics of Engineering.
HAROLD WARNER BROWN, B.S., Instructor in Electrical Engineering.
WELLES GOODSPEED CATLIN, M.E., Instructor in Electrical Engineering.
THOMAS ORMOND HUSSEY, M.E., Instructor in Machine Design.
ARMOND JACOB JORIS VAN DER DOES DE BYE, M.E., Instructor in Machine Design.
EDWARD TOMPKINS JONES, M.E., Instructor in Power Engineering.
CARROL GARDNER BROWN, B.S. in E.E., Instructor in Electrical Engineering.
ENOCH FRANCIS GARNER, M.E., Instructor in Machine Design.
ROY EDWARD CLARK, M.E., Instructor in Power Engineering.
LOUIS JACQUELIN BRADFORD, B.S., Instructor in Machine Design.
HENRY HILL WATERS, M.E., Instructor in Machine Design.
PERCY GEORGE MCVETTY, M.E., Instructor in Engineering Research.
CHARLES HAROLD BERRY, M.E., Instructor in Power Engineering.
ROBERT WILLIAM GRAHAM, E.E., Instructor in Machine Design.
CHARLES BIGELOW BENNETT, E.E., Instructor in Machine Design.
WILLIAM ALBERT GIBSON, A.B., Instructor in Experimental Engineering.
WILLIAM DEANS, JR., M.E., Instructor in Electrical Engineering.
ADAM CLARK DAVIS, M.E., Instructor in Experimental Engineering.
EDGAR HUTTON DIX, JR., M.E., Instructor in Experimental Engineering.
JAMES LEFFERTS LANDT, M.E., Instructor in Experimental Engineering.
CHARLES GARRET THATCHER, A.B., Instructor in Experimental Engineering.
CHARLES EDWIN THOMAS, M.E., Instructor in Experimental Engineering.
PAUL PARRISH ASHWORTH, M.E., Instructor in Machine Design.
FRED STILLMAN ROGERS, M.E., Instructor in Machine Design.
E. RICHARD PAGE, B.S., Instructor in Electrical Engineering.
FRANCIS A. HUBBARD, A.B., M.E.E., Instructor in Electrical Engineering.

Assistants

JAMES EUGENE VANDERHOEF, Foreman of Foundry.
WALTER LISTON HEAD, Foreman of Forge Shop.
LEROY HOOPER, Foreman of Pattern Shop.

BIRDETTE NEWTON HOWE, Assistant in Machine Shop.
 HOWARD STANLEY BUSH, Assistant in Pattern Shop.
 CHARLES ALBERT BROOKS, Assistant in Forge Shop.
 WILLIAM BENJAMIN BUCK, Assistant in Machine Shop.
 WILLIAM DANIEL McLAUGHLIN, Assistant in Machine Shop.
 ALFRED W. ALLEN, Assistant in Pattern Shop.

THE DEGREE OF MECHANICAL ENGINEER

For admission to Sibley College, see page 35; for tuition and fees in Sibley College, see page 42.

The undergraduate instruction for students in Sibley College leads to the degree of Mechanical Engineer, the requirement for which is the completion of one of the following curricula. For the requirements in military science and tactics and in physical culture see page 162.

1. The curriculum of four years in mechanical and electrical engineering.
2. The curriculum of four years in subjects related to mining engineering.
3. The curriculum of five years in mechanical and electrical engineering.
4. The curriculum of five years in subjects related to mining engineering.

1. The Curriculum of Four Years in Mechanical and Electrical Engineering

In the curriculum of four years leading to the degree of Mechanical Engineer, instruction is the same for all students during the first three years. In the fourth year, some opportunity is afforded for specializing in the different branches of mechanical and electrical engineering.

NOTE. In referring to courses the following abbreviations are used:
 Mechanics of Engineering, M; Power Engineering, P; Experimental Engineering, X; Electrical Engineering, E; Machine Design, D; Shop, S; Engineering Research, R.

FRESHMAN YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Analytic Geometry and Calculus.....	6	6	6
Chemistry	1	0	6
Physics	3	6	0
Drawing and Desc. Geom.....	D 1, 2	3	3
Foundry	S3	2 or 0	0 or 2
Forge	S4	0 or 1	1 or 0
Engineering Principles.....	S2	0 or 1	1 or 0

SOPHOMORE YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Mechanics of Engineering.....	M5, 6	5	5
Physics, Recitations.....	8, 9	2	2
Physics Laboratory.....	14	2	2
Chemistry	6	0 or 5	5 or 0
Kinematics	D6	0	2
Drawing.....	D5, 7	3	3
Materials	X6	2	0
Pattern Making.....	S7	3 or 0	0 or 3

JUNIOR YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Heat-Power Engineering.....	P10	3	3
Electrical Engineering.....	E14	2	2
Electrical Engineering.....	E15	2	2
Mechanical Laboratory.....	X10, 11	3	3
Machine Design—			
(a) Drawing.....	D10	2	2
(b) Lectures and Recitations.....	D16	3	3
Machine Work.....	S10	2	2
Principles of Manufacturing.....	S11	2	0
Hydraulics.....	M12	0	2

SENIOR YEAR

In the senior year the student must complete one of the following groups.

Group A. Steam Power Engineering

Course	No. Course	Hours 1st Term	Hours 2d Term
Power Plant Design.....	P20	3	3
Mechanical Laboratory.....	X20, 21	3	3
Electrical Laboratory.....	E29	3 or 0	0 or 3
Electrical Engineering Problems.....	E31	0 or 2	2 or 0
Industrial Organization.....	S20	2	0
Economics.....	52	2	2
Steam Machinery Design.....	P21	3	3
Drawing and Design.....	P22	3	3
Steam Turbines.....	P25	0	2
Thesis (may be substituted for E31 and S20) ..	R27	—	—

Group B. General Mechanical Engineering

Course	No. Course	Hours 1st Term	Hours 2d Term
Power Plant Design.....	P20	3	3
Mechanical Laboratory.....	X20, 21	3	3
Electrical Laboratory.....	E29	3 or 0	0 or 3
Electrical Engineering Problems.....	E31	0 or 2	2 or 0
Industrial Organization.....	S20	2	0
Economics.....	52	2	2
†General Engineering Design.....	D22	3	3
†Drawing and Design.....	D23	3	3
†Structural and Plant Engineering.....	D24	0	2
Thesis (may be substituted for E31 and S20) ..	R27	—	—

Group C. Gas Power Engineering

Course	No. Course	Hours 1st Term	Hours 2d Term
Power Plant Design.....	P20	3	3
Mechanical Laboratory.....	X20, 21	3	3
Electrical Laboratory.....	E29	3 or 0	0 or 3
Electrical Engineering Problems.....	E31	0 or 2	2 or 0
Industrial Organization.....	S20	2	0
Economics.....	52	2	2
Gas Machinery Design.....	P26	3	3
Drawing and Design.....	P27	3	3
Gas Manuf. and Distribution.....	P28	2	0
Thesis (may be substituted for E31 and S20) ..	R27	—	—

†An equivalent number of hours in Naval Architecture, courses D. 25, 26, 27, and 28, may be substituted for D. 22, 23 and 24.

Group D. Electrical Engineering

Course	No. Course	Hours 1st Term	Hours 2d Term
Power Plant Design.....	P20	3	3
Mechanical Laboratory.....	X20	3	0
Electrical Laboratory.....	E28	4	4
Electrical Machinery.....	E20	2	2
Electrical Machinery.....	E21	4	4
Industrial Organization.....	S20	2	2
Economics.....	52	2	2
Elective (E22, 23, 24, 25, 30, Phys. 33 and 34 and M21).....		0 or 2	2 or 0
Thesis (may be substituted for S20 and the elective).....	R27	—	—

Suggested Technical Electives. These electives may be taken only with the approval of the Class Adviser and of the departments concerned.

FOR SENIORS ONLY

Thesis, R27; Steam Boiler Design, P23; Steam Turbines, P25; Gas Manuf. and Distribution, P28; Gas Power Machinery, P29; Advanced Heat-Power Engineering, P40; Engineering Research, R22; Power Plant Testing, R23; Motor Car Construction, R24; Heating and Ventilating, R25; Structural and Plant Engineering, D24; Ship Design, D25; Drawing and Design (Ship Design), D26; Structure and Strength of Ships, D27; Resistance, Propulsion, etc., D28; Advanced Designing, D40; Special Elect. Eng. Problems, E33; Engineering Mathematics, E30; Hydraulic Turbines, M21; Railway Cons. and Maintenance, C.E.63; Concrete Construction, C.E.77; Alternating Currents, Phys. 33; Electrical Lab. Practice, Phys. 34.

GENERAL ELECTIVES

A student having the necessary preparation may, with the approval of his Class Adviser and of the department concerned, take any subject in any department in the University.

2. The Curriculum of Four Years in Subjects Related to Mining Engineering

FRESHMAN YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Analytical Geometry and Calculus.....	6	6	6
Chemistry, Introductory Inorganic.....	Chem. 1	6	0
Chemistry, Qualitative Analysis.....	" 7	0	6
Physics.....	Phys. 2, 7	5	3
Crystallography.....	Geol. 12	0	3

SOPHOMORE YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Mechanics of Engineering.....	M5, 6	5	5
Chemistry, Quantitative Analysis.....	Chem. 12	0	6
Physics Laboratory.....	Phys. 14	4	0
Mineralogy.....	Geol. 13	3	0
Dynamic Geology.....	" 1, 21	3	3
Drawing.....	D1, 2	3	3
Forge Shop.....	S4	0	2

JUNIOR YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Kinematics	D6	0	2
Drawing	D5, 7	3	3
Hydraulics	M12	0	2
Heat Engines	P11	0	3
Metallurgy of Iron and Steel	X6	2	0
General Econ. Geology	Geol. 32	3	3
Mining of Mineral Deposits	" 34	3	3
Surveying	C.E. 10, 11	3	4

During the summer following the junior year the student is required to devote about eight weeks to field work in Mining and Ore Dressing.

SENIOR YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Assaying	Chem. 18	3	0
Blowpipe Determination of Minerals	Geol. 14	1	0
Machine Design—			
(a) Drawing	D10	2	2
(b) Lectures and Recitations	D16	3	3
Mining Methods and Design	D39	2	2
Mechanical Laboratory	X10, 11	3	3
Examination of Mineral Deposits	Geol. 33	0	2
Electrical Engineering	E12	4	0
Machine Work	S10	0	2
Elective		0	5

3. The Curriculum of Five Years in Mechanical and Electrical Engineering

A student who includes three units of mathematics in his subjects for admission to the five year curriculum, may be able to graduate in four years, but this is possible only in case he shows unusual proficiency in college mathematics and attends one or more Summer Sessions.

FIRST YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
English	1	4	4
Advanced Algebra	2	5	0
Solid Geometry	1	0	3
Trigonometry	3	0	3
Chemistry	1	0	6
Engineering Principles	S2	1	0
Forge Shop	S4	1	0
Foundry	S3	0	2
Electives in Arts and Sciences		5	0

SECOND YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Analytical Geometry and Calculus	6	6	6
Chemistry	6	5	0
Physics	3	0	6
Drawing	D1, 2	3	3
Elective in Arts and Sciences		3	2

THIRD YEAR

Course	No. Course	Hours 1st Term	Hours 2d Term
Mechanics of Engineering.....	M5, 6	5	5
Physics Recitations.....	8, 9	2	2
Physics Laboratory.....	14	2	2
Kinematics.....	D6	0	2
Drawing.....	D5, 7	3	3
Materials.....	X6	2	0
Pattern Making.....	S7	0	3
Elective in Arts.....		3	0

FOURTH YEAR AND FIFTH YEAR

The fourth year and the fifth year are identical with the third year and the fourth year of the curriculum of four years.

4. The Curriculum of Five Years in Subjects Related to Mining Engineering

This curriculum leads to the degree of Mechanical Engineer, and it is possible for those pursuing it not only to complete the subjects listed in the curriculum of four years in subjects related to Mining Engineering but also to take substantially all of the additional subjects given in the curriculum of four years in Mechanical Engineering.

The Degrees of A.B. and M.E.

In accordance with the rules of the College of Arts and Sciences, qualified seniors in that college may take their senior year in Sibley College, receiving the degree of A.B. at the end of the year. If by their privileges of election of subjects in the College of Arts and Sciences, these seniors have during their first three years completed the required freshman subjects in engineering, they may thus, by the end of their fourth year of residence, complete the engineering subjects required in the sophomore year. The fifth year and the sixth year of residence, with registration in Sibley College, will then be the junior year and the senior year respectively of the curriculum of four years in Sibley College.

SCHOLARSHIPS AND PRIZES

The Sibley Prize in Mechanic Arts and the Frank William Padgham Scholarship are awarded only to students in Sibley College; the Fuertes Memorial Prizes in Public Speaking are awarded only to students in the two colleges of engineering and in the College of Architecture. For these and for the prizes and scholarships that are open to all students of the University, see page 154.

COURSES OF INSTRUCTION

About three hours in shops, laboratories, computation work, or drawing count as one credit hour in the schedule.

DEPARTMENT OF MECHANICS OF ENGINEERING

M. 5 and 6. **Mechanics of Engineering.** M. 5 in first term, M. 6 in second term. Credit five hours a term. Prerequisite Mathematics 6. Professor WOOD, Assistant Professors GARRETT and DAUGHRETY, and Messrs. CORNELL, FRANCIS, DAY, and PARMLEY.

M. 12. **Hydraulics.** Second term, credit two hours. Prerequisite M. 5 and 6. Assistant Professor DAUGHERTY and Mr. FRANCIS.

M. 21. **Hydraulic Turbines.** First term, credit two hours. Prerequisite M. 12. One lecture and one recitation a week. Assistant Professor DAUGHERTY.

DEPARTMENT OF MACHINE DESIGN AND CONSTRUCTION

Machine Construction

S. 2. **Engineering Principles.** Either term, credit one hour. Professor SMITH.

S. 3. **Foundry Work.** Either term, credit two hours. Messrs. VANDERHOEF and ———.

S. 4. **Forge Work.** Either term, credit one hour. Messrs. HEAD and BROOKS.

S. 7. **Pattern Making.** Either term, credit three hours. Prerequisite S. 3. Messrs. HOOPER, BUSH, and ALLEN.

S. 10. **Machine Work.** Throughout the year, credit two hours a term. Prerequisite S. 3, 4, and 7. Assistant Professor WELLS, and Messrs. HOWE, BUCK, and McLAUGHLIN.

S. 11. **Principles of Manufacturing.** First term, credit two hours. Prerequisite S. 2, 3, 4, and 7. Lectures. Assistant Professor WELLS.

S. 20. **Industrial Organization.** Either term, credit two hours. Prerequisite S. 10 and 11. Lectures. Professor KIMBALL.

Machine Design

D. 1. **Drawing.** First term, credit three hours. Assistant Professor HAM and Messrs. ASHWORTH, EATON, MILLS, VAN DER DOES DE BYE, and WATERS.

D. 2. **Descriptive Geometry.** Second term, credit three hours. Lectures and drawing periods. Assistant Professor HAM and Messrs. ASHWORTH, EATON, MILLS, VAN DER DOES DE BYE, and WATERS.

D. 3. **Drawing.** For candidates for the degree of Bachelor of Chemistry in the College of Arts and Sciences. First term, credit three hours. Assistant Professor HAM and Messrs. MILLS and WATERS.

D. 5. **Machine Drawing.** First term, credit three hours. Prerequisite course D. 1. Assistant Professor HAYES and Messrs. BRADFORD, HUSSEY, GARNER, and BENNETT.

D. 6. **Kinematics.** Second term, credit two hours. Prerequisite course D. 2, and must be taken with course D. 7. Recitations. Assistant Professor HAYES, and Messrs. BRADFORD, HUSSEY, GARNER, and BENNETT.

D. 7. **Kinematic Drawing.** Second term, credit three hours. Prerequisite course D. 2, and must be taken with course D. 6. Assistant Professor HAYES, and Messrs. BRADFORD, HUSSEY, GARNER, and BENNETT.

D. 10. **Drawing and Design.** Throughout the year, credit two hours each term. Prerequisite courses D. 5, D. 6, D. 7, M. 5 and 6, and must be taken with course D. 16. Professor KIMBALL, Assistant Professor ALBERT, and Messrs. BRADFORD, CORWIN, GRAHAM, and ROGERS.

D. 16. **Machine Design.** Throughout the year, credit three hours a term. One lecture and two recitations a week. Prerequisite courses D. 6, D. 7, M. 5 and 6, and must be taken with D. 10. Professor KIMBALL, Assistant Professor ALBERT, and Messrs. BRADFORD, CORWIN, GRAHAM, and ROGERS.

D. 22. **General Engineering Design.** Throughout the year, credit three hours a term. Lectures. Prerequisites D. 10, D. 16, and P. 10, and must be taken with D. 23. Professor HESS, and Messrs. LEE and TOWNSEND.

D. 23. **Drawing and Design.** Throughout the year, credit three hours a term. Prerequisite courses D. 10 and 16 and P. 10, and may be taken only in connection with D. 22. Professor HESS and Messrs. LEE and TOWNSEND.

D. 24. **Structural and Plant Engineering.** Second term, credit two hours. Prerequisites D. 10 and 16. Professor McDERMOTT.

D. 25. **Ship Design.** First or second term, credit two hours. Prerequisite courses M. 5 and 6, D. 10 and 16. Lectures and problems. Professor McDERMOTT.

D. 26. **Drawing and Design.** First term, credit two hours. Prerequisites D. 10 and 16. Professor McDERMOTT.

D. 27. **The Structure and Strength of Ships.** Second term, credit two hours. Prerequisite courses M. 5 and 6, D. 10 and 16. Lectures. Professor McDERMOTT.

D. 28. **Resistance, Propulsion, and Powering of Ships.** First or second term, credit two hours. Prerequisite courses M. 5 and 6, D. 10 and 16. Professor McDERMOTT.

D. 40. **Advanced Designing.** For graduates who have had the equivalent of D. 22 and 23 or of D. 26, 27, and 28. Professors KIMBALL, McDERMOTT, and HESS.

DEPARTMENT OF EXPERIMENTAL ENGINEERING

X. 6. **Manufacture of Engineering Materials.** First term, credit two hours. Prerequisite Chemistry I. Lectures. Professor DIEDERICHS.

X. 10. **Mechanical Laboratory—Properties of Engineering Materials.** First term, credit three hours. Prerequisites X. 6, M. 5 and 6. Professor DIEDERICHS, Assistant Professor UPTON, and Messrs. DIEDERICHS, DIX, GIBSON, KLINK, and THATCHER.

X. 11. **Mechanical Laboratory—Introductory Experimental Engineering.** Second term, credit three hours. Prerequisites M. 5 and 6, Chem. 6, Phys. 1 and 5. One laboratory and one written report a week. Professor DIEDERICHS, Assistant Professor UPTON, and Messrs. DIEDERICHS, DIX, GIBSON, KLINK, and THATCHER.

X. 20. **Mechanical Laboratory—Experimental Engineering.** First term, credit three hours. Prerequisites X. 10, 11, P. 10. Professor DIEDERICHS, Assistant Professor GAGE, and Messrs. DAVIS, HOOK, LANDT, and THOMAS.

X. 21. **Mechanical Laboratory—General Experimental Engineering.** Second term, credit three hours. One laboratory period a week alternating with one computing period. Professor DIEDERICHS, Assistant Professor GAGE, and Messrs. DAVIS, HOOK, LANDT, and THOMAS.

DEPARTMENT OF ENGINEERING RESEARCH

R. 22. **Engineering Research.** Either term, credit one hour for forty hours of actual work. Open to a limited number of seniors and graduates who have shown proficiency in engineering research. Professor CARPENTER, Assistant Professor SAWDON, and Mr. McVETTY.

R. 23. **Power Plant Testing.** Either term, credit one hour for forty hours of actual work. Open to a limited number of seniors who have shown proficiency in engineering research. Professor CARPENTER, Assistant Professor SAWDON, and Mr. McVETTY.

R. 24. **Motor Car Construction.** Second term, credit one hour. Two lectures a week. Professor CARPENTER.

R. 25. **Heating and Ventilating.** Second term, credit two hours. Lectures and recitations. Professor CARPENTER.

R. 27. **Thesis.** Either or both terms, maximum total credit eight hours. All theses are under the general supervision of the Department of Engineering Research. Professor CARPENTER, Assistant Professor SAWDON, and Mr. McVETTY.

DEPARTMENT OF POWER ENGINEERING

P. 10. **Elementary Heat-Power Engineering.** Throughout the year, credit three hours a term. Prerequisites Physics 8, 9, and 14, Chemistry 6, M. 5 and 6, and D. 5, 6, and 7. Two recitations and one lecture a week. Assistant Professor ELLENWOOD, and Messrs. JONES and CLARK.

P. 11. **Heat Engines and Auxiliaries. (For Civil Engineers.)** Second term only. Credit three hours. Prerequisites Phys. 6 and 10; Chem. 1; C.E. 20. One lecture and two recitations a week. Assistant Professor ELLENWOOD, and Messrs. JONES and CLARK.

P. 20a. **Power Plant Design.** First term, credit three hours. Prerequisite course P. 10. One lecture and two recitations a week. A continuation of course P. 10. Professor SMITH, Assistant Professor MATTHEWS, and Mr. BERRY.

P. 20b. **Power Plant Design.** Second term, credit three hours. Prerequisite P. 20a. One lecture and two recitations a week. Professor SMITH, Assistant Professor MATTHEWS, and Mr. BERRY.

P. 21. **Steam Machinery Design.** Open only to seniors in Group A. Throughout the year, credit three hours a term. Prerequisite courses D. 10, D. 16, and P. 10, and must be accompanied by course P. 22. Lectures. Professor BARNARD.

P. 22. **Designing and Drawing.** Open only to seniors in Group A. Throughout the year, credit three hours a term. Prerequisite courses D. 10, D. 16, and P. 10, and must be accompanied by P. 21. Professor BARNARD.

P. 25. **Steam Turbines.** Second term, credit two hours. Prerequisite course P. 10. Lectures. Professor BARNARD.

P. 26. **Gas Machinery Design.** Open only to seniors in group C. Throughout the year, credit three hours a term. Prerequisite courses D. 10, D. 16, and P. 10. Must be accompanied by courses P. 27 and P. 28. Lectures. Professor HIRSHFELD and Mr. PEIRCE.

P. 27. **Drawing and Design.** Open only to seniors in Group C. Throughout the year, credit three hours a term. Prerequisite courses D. 10, D. 16, and P. 10. Must be accompanied by courses P. 26 and P. 28. Professor HIRSHFELD and Mr. PEIRCE.

P. 28. **Gas Manufacture and Distribution (General).** First term, credit two hours. Prerequisite courses D. 10, D. 16, and P. 10. Lectures. Professor HIRSHFELD and Mr. PEIRCE.

P. 29. **Gas Power Machinery (General).** Second term, credit two hours. Not open to students taking Group C. Prerequisite courses D. 10, D. 16, and P. 10. Professor HIRSHFELD and Mr. PEIRCE.

P. 40. **Advanced Heat-Power Engineering.** Prerequisite the design subjects in senior Group A or C. Professors SMITH, BARNARD, and HIRSHFELD.

DEPARTMENT OF ELECTRICAL ENGINEERING

E. 12. **Electrical Engineering for Civil and for Mining Engineers.** First term only, credit four hours. Two recitations and one laboratory experiment with report each week. Messrs. H. W. BROWN, STEVENSON, and PAGE.

E. 13. **Electrical Engineering for Chemists.** First term only, credit four hours. Two recitations and one laboratory experiment with report each week. Messrs. H. W. BROWN, STEVENSON, and PAGE.

E. 14. **Elementary Electrical Engineering.** Throughout the year, credit two hours a term. Prerequisite Physics 8, 9, and 14, and M. 5 and 6. Must be accompanied by E. 15. Lectures, recitations, and computing periods. Professor KARAPETOFF and Messrs. BIERMA, C. G. BROWN, DEANS, and STEVENS.

E. 15. **Elementary Electrical Engineering.** Throughout the year, credit two hours a term. Prerequisites as in E. 14, by which it must be accompanied. Recitations, laboratory, and reports. Professor KARAPETOFF, Assistant Professor FORD, and Messrs. BIERMA, C. G. BROWN, DEANS, and STEVENS.

E. 20. **Theory of Electrical Machinery.** Throughout the year, credit two hours a term. Prerequisite courses E. 10 and 11. Lectures. Professor KARAPETOFF.

E. 21. **Characteristics of Electrical Machinery.** Throughout the year, credit four hours a term. Prerequisite courses E. 10 and 11. Two recitations and two computing periods a week. Professor KARAPETOFF and Messrs. PERTSCH and TAPPAN.

E. 22. **Design of Electrical Machinery.** Second term only, credit two hours. Prerequisite first term of E. 20 and E. 21. One recitation and one computation period a week. Professor KARAPETOFF.

E. 23a. **Generation of Electrical Energy.** First term only, credit two hours. Prerequisites E. 10 and 11 and X. 11. One recitation and one computing period a week. Assistant Professor FORD.

E. 23b. **Transmission of Electrical Energy.** Second term only, credit two hours. Prerequisite first term of E. 20 and 21. One recitation and one computing period a week. Assistant Professor FORD.

E. 25. **Elements of Electric Railway Practice.** Second term only, credit two hours. Prerequisite E. 10 and 11. Recitations and computing periods. Mr. CHAMBERLAIN.

E. 28. **Senior Electrical Laboratory.** Throughout the year, credit four hours a term. Prerequisites X. 11, E. 10 and 11. Two laboratory periods, one recitation, and one report a week. Assistant Professor FORD, and Messrs. CHAMBERLAIN, CATLIN, and BALLARD.

E. 29. **Senior Electrical Laboratory.** First or second term, credit three hours. Prerequisites X. 11, E. 10 and 11, P. 10. One laboratory period, one recitation, and one report a week. Assistant Professor FORD, and Messrs. CHAMBERLAIN, CATLIN, and BALLARD.

E. 30. **Engineering Mathematics.** First term, credit two hours. Professor KARAPETOFF.

E. 31. **Engineering Problems.** First or second term, credit two hours. Prerequisites E. 10 and 11. Recitations and computing periods. Messrs. H. W. BROWN and STEVENSON.

E. 33. **Special Electrical Engineering Problems.** First or second term, or both. One to three hours. Professor KARAPETOFF, Assistant Professor FORD, and Mr. PERTSCH.

E. 34. **Current Topics in Electrical Engineering.** Second term only, two hours credit. Mr. CATLIN.

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Julian P. Bretz,

William A. Riley,

Joseph Q. Adams, jr.,

Heinrich Ries,

} elected by the University Faculty.

GENERAL LIBRARY STAFF

George William Harris, Ph.B., Librarian.

Andrew Curtis White, Ph.D., Assistant Librarian in charge of Classification.

Willard Henry Austen, Assistant Librarian in charge of the Reference Library.

Elizabeth Sage Ingersoll, Supervisor of the Order Department.

Olla Rebecca Ayres, A.B., Head Cataloguer.

Willard Waldo Ellis, A.B., LL.B., Curator of Shelves.

Minerva Augusta Stubbs, Supervisor of the Periodical Department.

Halldor Hermannsson, Curator of the Icelandic Collection.

Mary Fowler, B.S., Curator of the Petrarch and Dante Collections.

George Lincoln Burr, A.B., LL.D., Librarian of the President White Library.

The University Library comprises the General Library of the University, the Seminary Libraries, the Law Library, the Flower Veterinary Library, the Barnes Reference Library, the Goldwin Smith Hall Library, the Stimson Hall Medical Library, and the Library of the New York State College of Agriculture.

The General Library of the University, with its special collections and the Seminary Libraries, is in the Library Building; the Law Library is in Boardman Hall, the Flower Veterinary Library in the State Veterinary College, the Barnes Reference Library in Barnes Hall, and the Library of the New York State College of Agriculture is in the main building of that college.

The total number of bound volumes in the University Library is now over four hundred and forty thousand and the annual additions number about fifteen thousand volumes.

The Library Building, the gift of the late Hon. Henry W. Sage, has an estimated capacity of four hundred and seventy-five thousand octavo volumes. The reading room contains accommodations for two hundred and twenty readers, and the open book cases around its walls provide shelf-room for a reference library of eight thousand volumes. In the tower are the great bell of the University, the gift of Mrs. Mary White, and the chime of bells, the gift of Mrs. Jennie McGraw Fiske.

The income of an endowment fund of three hundred thousand dollars, given by the late Henry W. Sage in 1891, is devoted to the purchase of books and periodicals. The income of an endowment fund of five hundred and three thousand dollars, received in 1906 by the bequest of the late Willard Fiske, is to be expended for the uses and purposes of the Library, with specific provision for the maintenance and increase of the Icelandic and the Italian collections; at present one-third of the free income from this fund is used for the purchase of books and periodicals and for binding.

Among the more important special collections in the General Library are: the **ANTHON LIBRARY**, of nearly seven thousand volumes, the collection made by the late Professor Charles Anthon, of Columbia College, in the ancient classical languages and literatures, besides works in history and general literature; the **BOPP LIBRARY**, of about twenty-five hundred volumes, relating to the oriental languages and literatures, and comparative philology, being the collection of

the late Professor Franz Bopp of the University of Berlin; the GOLDWIN SMITH LIBRARY, of thirty-five hundred volumes, comprising chiefly historical works and editions of the English and ancient classics, presented to the University in 1869 by the late Professor Goldwin Smith, and increased during later years by the continued liberality of the donor; the publications of the Patent Office of Great Britain, about three thousand volumes; the WHITE ARCHITECTURAL LIBRARY, a collection of over twelve hundred volumes relating to architecture and kindred branches of science, given by ex-President White; the KELLY MATHEMATICAL LIBRARY, comprising eighteen hundred volumes and seven hundred tracts, presented by the late Hon. William Kelly, of Rhinebeck; the SPARKS LIBRARY, being the library of Jared Sparks, sometime President of Harvard University, consisting of upward of five thousand volumes and four thousand pamphlets, relating chiefly to the history of America; the MAY COLLECTION, relating to the history of slavery and anti-slavery, the nucleus of which was formed by the gift of the library of the late Rev. Samuel J. May, of Syracuse; the SCHUYLER COLLECTION of folk-lore, Russian history and literature, presented by the late Hon. Eugene Schuyler in 1884; the PRESIDENT WHITE HISTORICAL LIBRARY, of about twenty thousand volumes (including bound collections of pamphlets) and some three thousand unbound pamphlets, the gift of ex-President White, received in 1891, especially rich in the primary sources of history, and containing notable collections on the period of the Reformation, on the English and French Revolutions, on the American Civil War, and on the history of superstition; the SPINOZA COLLECTION, numbering four hundred and fifty volumes, presented in 1894, by ex-President White; the four remarkably rich collections given by the late Willard Fiske, comprising the DANTE COLLECTION, containing seven thousand five hundred volumes, the PETRARCH COLLECTION, containing about four thousand volumes, the RHAETO-ROMANIC COLLECTION, containing about thirteen hundred volumes, and the ICELANDIC COLLECTION, containing over ten thousand volumes; the ZARNCKE LIBRARY, containing about thirteen thousand volumes and pamphlets, especially rich in Germanic philology and literature, purchased and presented in 1893 by William H. Sage; the HERBERT H. SMITH COLLECTION of books relating to South America, purchased in 1896; a valuable collection of books on French and Italian society in the 16th and 17th centuries, presented by Professor T. F. Crane in 1896; the EISENLOHR LIBRARY, containing about one thousand volumes on Egyptology and Assyriology purchased and presented in 1902 by A. Abraham; BAYARD TAYLOR'S correspondence and journals and his collection of Goethe literature, presented to the Library in 1905 by Mrs. Marie Taylor; the valuable ANGLO-SAXON COLLECTION and the COWPER COLLECTION formed by the late Professor Hiram Corson, bequeathed to the Library, and received in 1911; GOLDWIN SMITH'S correspondence and literary manuscripts presented in 1911 by Arnold Haultain; a large and valuable collection of works in the fields of English and Celtic philology presented by Professor J. M. Hart in 1914.

Supplementing the general card catalogue of the library, there have been issued printed catalogues of the President White collections on the Protestant Reformation (1889) and the French Revolution (1894), and of the Rhaetoromanic collection (1894), the Dante collection (1900), and the Icelandic collection (1914). A catalogue of the Petrarch collection is in the press.

The library is primarily a reference library, but officers of the University have the privilege of taking books from the library for home use, and this privilege, to a limited extent, is granted to all regularly matriculated students of the University. Cards of admission to the shelves in the stack-rooms, and to the White Historical Library, will be issued by the librarian to graduate students for the purposes of consultation and research, and also to undergraduate students, engaged in advanced work, upon the recommendation of the professor in charge of the work. The library is open on week days, during term time, from 8 A. M. till 10:45 P. M., except on Saturdays, when it is closed at 5 P. M. In vacation it is open on week days from 9 A. M. till 5 P. M.

The Goldwin Smith Hall Library, in Goldwin Smith Hall, is distinctly a reference collection, numbering now over two thousand volumes. It consists

chiefly of books used in connection with the undergraduate work in humanities, providing in certain cases many copies of the books most in demand in the larger classes.

The Law Library occupies the third floor of Boardman Hall. It now contains over forty-six thousand volumes, and includes the library of the late Nathaniel C. Moak, presented in 1893 by Mrs. A. M. Boardman and Mrs. Ellen D. Williams, as a memorial to Judge Douglas Boardman, the first Dean of the College of Law. In reports to the Federal Courts, reports of the several American state jurisdictions, and in English, Scotch, Irish, and Canadian reports, the law library is practically complete to date. The library also possesses complete sets of all the leading law periodicals in English.

The Barnes Reference Library for Biblical Study was presented to the University by the late Alfred C. Barnes for the use of the Cornell University Christian Association, and occupies a room in Barnes Hall. The collection now numbers 2061 volumes, all fully catalogued as part of the University Library. After the death of the donor his children gave to the University, for the maintenance and increase of the collection, an endowment of five thousand dollars.

The Flower Veterinary Library, now numbering about four thousand five hundred volumes, owes its formation to the late Roswell P. Flower who gave, in 1897, five thousand dollars to Cornell University to establish a veterinary library, for the use of the State Veterinary College. In 1901, Mrs. Flower gave to the University ten thousand dollars for an endowment fund, the annual income of which is to be used for this library.

The Stimson Hall Medical Library was established in 1903 by gifts and by class memorial subscriptions. It now contains over thirteen hundred volumes.

The Medical College in New York City has its own library containing about seven thousand bound volumes and a large number of reprints and monographs, including the Birch-Hirschfeld bound collection. The library receives about one hundred current periodicals which include nearly all the more important German, French, English and Italian journals in the field of medical science.

The Agricultural College Library consists of some eight thousand volumes supplementing the agricultural collections in the General Library. The Craig Horticultural Library has, through the generosity of the late Mrs. John Craig, been recently added to the collection.

SCHOLARSHIPS AND PRIZES

STATE TUITION SCHOLARSHIPS

Under the law of the State of New York the Commissioner of Education is empowered to award annually a number of free scholarships in Cornell University equal to the number of Assembly districts in the State of New York. Each scholarship entitles the holder to free tuition for four years beginning in the September immediately following the award of the scholarship.

All scholarship holders must satisfy the regular requirements for admission to one of the colleges of the University.

Holders of State Scholarships are notified that failure to register before the close of the last registration day for each term involves the severance of their connection with the University and consequently the forfeiture of their scholarships. The Commissioner of Education fills all vacancies in scholarships.

A State Scholarship holder after regular registration at the University, may receive a leave of absence for the purpose of earning necessary funds to defray his living expenses at the University. The total period of such leave of absence without forfeiture of the scholarship is two years.

For particulars concerning the award of State Scholarships, application should be made to the Commissioner of Education, Albany, N. Y.

UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

Eighteen University Undergraduate Scholarships, each continuing for two years and of an annual value of \$200, are offered each year to members of the incoming freshman class. The award is made on the basis of a special competitive examination held in Ithaca in September between the period of the entrance examinations and the opening of the University.

Every candidate for such a scholarship must have satisfied the entrance requirements for one of the colleges of the University.

The University Undergraduate Scholarships will be awarded on the basis of examinations in three of the seven following subjects.

(a). English. Entrance requirement. (b). Greek. Greek grammar and Xenophon; composition and Homer. (c). Latin. Latin grammar and Caesar; composition and Cicero; Virgil. (d). French. Third year French. (e). German. Third year German. (f). Elementary mathematics. Elementary algebra; intermediate algebra; plane geometry. (g). Advanced mathematics. Solid geometry; advanced algebra; and plane trigonometry.

In choosing three of these seven subjects, every candidate must take English and at least one of the other four languages; and any candidate who does not select either Latin or Greek must take advanced mathematics.

No scholarship will be awarded to any candidate who is reported markedly deficient in any subject in which he is examined, and the right is reserved to fill fewer than eighteen scholarships in the absence of a sufficient number of duly qualified candidates.

Before the scholarships are awarded, every candidate must indicate the college and, if several curricula with diverse entrance requirements are offered in that college, the curriculum in which he intends to register. In order to hold a scholarship, if it be awarded to him, he must register in that college or curriculum; and he will forfeit his right to the scholarship, if he transfers to any other college or curriculum, unless, at the time when he was admitted to the University, he had satisfied, as shown by the records of the University, all the entrance requirements for the college or the curriculum to which he transfers.

All persons shall be debarred from the competition for these scholarships who have participated in any previous competition for the same, or have been previously registered in this University (including the Summer Session) or in any other university or college.

The moneys due on these scholarships are paid at the office of the Treasurer of the University in two equal payments, on the 20th of February and the 25th of

June, but no scholarship holder is entitled to receive his semi-annual payment until the Scholarship Committee has examined and approved the holder's record for the preceding term, and until the chairman of the Scholarship Committee has certified that the record of the holder is satisfactory.

SPECIAL UNDERGRADUATE SCHOLARSHIPS

The Frank William Padgham Scholarship. This scholarship, founded in 1892 by Amos Padgham of Syracuse, New York, in memory of his son, Frank William Padgham, a graduate of Sibley College of the class of 1888, entitles the holder to free tuition and fees in the regular curriculum in Sibley College of Mechanical Engineering. It cannot be held in connection with a New York State Scholarship. The Frank William Padgham Scholarship will be awarded to the candidate who has had his preparatory education wholly or in part in the public schools of Syracuse, New York, and who, having been admitted to the regular curriculum in Sibley College, shall pass the best examination in a competitive examination on the following studies selected from those that may be offered for admission to Sibley College: 1. solid geometry; advanced algebra; plane trigonometry; 2. third year German; 3. third year French; 4. English. Of these subjects the candidate must take three including mathematics. The examination for the Padgham Scholarship is held at the same time as the University Undergraduate Scholarship examinations.

State Grange Scholarships in Agriculture. At its annual meeting in February, 1914, the New York State Grange adopted a resolution whereby \$600 is to be given to members of the Order in the form of twelve scholarships in the Winter Courses in Agriculture in Cornell University. The scholarships are each of the value of \$50, to be awarded to men or women who attain the highest standing in competitive examinations. The candidate should apply to the Master of Pomona Grange in his home county, or to the Deputy in counties which have no Pomona Grange.

Boardman Senior Law Scholarship. A Senior Law Scholarship of the value of one hundred dollars, the gift of Judge Douglass Boardman, the first dean of the College, is awarded annually in June to the junior who has, in the judgment of the Faculty, done the best and most satisfactory work in law subjects to the end of his junior year. It is available during the senior year and is payable in the same way as are other University undergraduate scholarships. This scholarship may be forfeited in case the Faculty is convinced that the holder has not maintained a high standard of work, or has been guilty of any conduct unbecoming the holder of such a scholarship.

Fraser Scholarships. Two scholarships of the value of \$100 and \$50, respectively, the gift of an alumnus of the College of Law, in memory of Alexander Hugh Ross Fraser, late librarian of the College, are awarded annually about the beginning of the college year to seniors whose law study has been done entirely in Cornell University. They are awarded to students who have most fully evidenced high qualities of mind and character by superior achievement in scholarship and by those attributes of manliness which earn the commendation of teachers and fellow students. The award is made upon recommendation of the senior class by vote from a list of members submitted by the Faculty as eligible by reason of superior scholarship. The holder of the Boardman Scholarship is not eligible.

The Roberts Scholarship Fund, a gift of the late Dr. Charles H. Roberts, of Oakes, Ulster County, New York, provides five annual scholarships. As expressed by the founder, the purpose of these scholarships is to furnish financial assistance to students in the College of Agriculture who are of good moral character, who show native ability, tact, and application, and who are in need of such assistance. Preference is given to students who come from rural districts. The award is made after the close of the first term of each year. The value of each scholarship is \$240.

For Scholarships and Fellowships in the Graduate School, see page 47.

PRIZES

For information concerning the award of the following prizes, the pamphlet on Prize Competitions should be consulted.

The Woodford Prize, founded by the Hon. Stewart Lyndon Woodford, is of the value of one hundred dollars and will be given annually for the best English oration, both matter and manner of delivery being taken into account. The prize is in the form of a gold medal, but the winner may, if he chooses, receive instead one hundred dollars in money. Graduate students may not compete for this prize.

The '86 Memorial Prize, the income of a sum of money left as a memorial by the class of 1886, and amounting to eighty-six dollars annually, is an undergraduate prize in declamation to be awarded at a public contest held in May of each year.

The '94 Memorial Prize, the income of a fund established by the class of 1894 and amounting to about ninety-four dollars annually, is an undergraduate prize in debate to be awarded at a public contest held in January of each year.

The Barnes Shakespeare Prize. The Shakespeare Prize, founded in 1887 by Mrs. Alfred Smith Barnes, of Brooklyn, consists of about fifty dollars, the annual income from her gift of one thousand dollars. This prize is open only to undergraduate students.

The Guilford Essay Prize, founded in 1902 by the late James B. Guilford to promote "a high standard of excellence in English prose composition", consists of about one hundred and fifty dollars, the annual income from his bequest of three thousand dollars. This prize is open only to undergraduate students.

The J. G. White Prizes in Spanish. Through the generosity of Mr. James Gilbert White (Ph.D., Cornell, '85), three prizes, each of the value of one hundred dollars, are offered annually to English speaking students for proficiency in Spanish and to Spanish speaking students for proficiency in English. These prizes are open only to undergraduate students.

The Corson French Prize, founded in 1902 by Professor Hiram Corson in memory of his wife, Caroline Rollin Corson, consists of a gold medal of the value of fifty dollars to be awarded annually for the best essay on a subject in either French philology or literature. If the winner so desires, he may receive the value of the prize in money. Competition for this prize is open to all students.

The Corson Browning Prize, founded in 1902 by Professor Hiram Corson, consists of a gold medal of the value of fifty dollars, to be awarded annually for the best competitive essay on Robert Browning. If the winner so desires, he may receive the value of the prize in money. Competition for this prize is open to juniors, to seniors, and to graduate students.

The Luana L. Messenger Memorial Prize, the annual income of a fund of one thousand dollars, founded by Mr. Hiram J. Messenger, will be awarded in accordance with the terms of the gift, to that student of the University who submits the essay "giving evidence of the best research and most fruitful thought in the field of human progress or the evolution of civilization during some period in human history or during human history as a whole".

The Sherman-Bennett Prize was founded by Philo Sherman-Bennett of New Haven, who, by provision of his will, bequeathed to William J. Bryan, of Lincoln, Nebraska, a fund to found prizes in twenty-five colleges or universities to be selected by him. The prize consists of the income of four hundred dollars, and is awarded "for the best essay discussing the principles of free government". Competition is open to all students of the University.

The Frances Sampson Fine Arts Prize. This prize, founded in 1909 by Professor Martin Sampson in memory of his wife Frances VanRensselaer Sampson, is awarded "to that student in the University who shows the most intelligent appreciation of the graphic and plastic arts and architecture". The prize is not given for practical proficiency in painting, drawing, or designing, but for natural or acquired ability to appreciate artistic beauty. The prize, of about thirty dollars to be expended in books or reproductions, is awarded sometime in April under regulations administered by the Professor of Aesthetics.

The J. T. Morrison Prize, founded by J. T. Morrison, of Ithaca, and consisting of a gold medal of the value of one hundred dollars or of one hundred dollars in cash at the option of the successful competitor, will be given annually for the best original poem, or poems, matter and manner of delivery being taken into account. This prize is not open to graduate students.

The Horace K. White Prizes, established by Horace K. White, of Syracuse, are awarded annually to the most meritorious students in the graduating class of the New York State Veterinary College, as follows: to the first in merit, fifteen dollars; to the second in merit, ten dollars.

Sibley Prizes in Mechanic Arts. Under the gift of the Hon. Hiram Sibley, made in 1884, the sum of one hundred dollars will be awarded annually to those students in Sibley College who shall, in the opinion of the Faculty of that institution show the greatest merit in Sibley College work.

The Fuertes Medals, two gold medals established by Professor E. A. Fuertes, each of the value of one-half the amount of the income provided by the endowment fund, will be awarded under the following conditions.

One of these medals will be awarded annually to the student in the College of Civil Engineering who shall be found, at the time of graduation, to have maintained the highest scholarship in the courses of his college, provided he has been in attendance in the University for at least two years; and the other medal will be awarded annually to a graduate of the College of Civil Engineering for a meritorious paper tending to advance the scientific or practical interests of the profession of civil engineer.

The Clifton Beckwith Brown Memorial Medal was established by John Harkness Brown in memory of his brother Clifton Beckwith Brown, killed on the field of battle at San Juan Hill. A silver replica is awarded to the senior in the College of Architecture attaining the highest standing in design during his senior year, and a bronze replica to the senior taking second place. These medals, however, are not awarded solely for order of merit; the award is not made unless the standard reached in design is considerably higher than that required for graduation.

The Charles Goodwin Sands Memorial Medal, founded by the family of Charles Goodwin Sands of the class of '90, is awarded for designs of exceptional merit presented in the regular competitions in the College of Architecture. The medal drawings are ranked as first and second medal drawings, according to merit. The author of a first medal drawing will receive a silver replica and the author of a second medal drawing a bronze replica of the medal. The award is for merit alone and while the medal is occasionally won by undergraduates, the standard is such that the honor of winning the first medal usually falls to graduate students.

The Eastman Prize for Public Speaking. With the object of developing qualities of personal leadership in rural affairs, A. R. Eastman of Waterville, New York, has established in the College of Agriculture an annual prize of one hundred dollars for public speaking on country life subjects. Competition is open to any regular or special student in the College of Agriculture.

The Robert T. Morris Prize in Nut Culture. This prize is offered by Dr. Robert T. Morris of New York City, a Trustee of Cornell University, and donor of the Morris collection of nuts in the Department of Horticulture. The prize

consists of twenty-five dollars and is awarded annually to the student in the course in nut culture who displays the greatest ability in propagating nut trees.

The John Metcalfe Polk Prizes. In memory of John Metcalfe Polk, an instructor in the Medical College, who graduated from the Medical Department of Cornell University on June 7, 1889, and died on March 29, 1904, three prizes aggregating five hundred dollars will be presented at each commencement to members of the graduating class who have completed the full course of study in Cornell University Medical College. These prizes will be awarded as follows: to the student having the highest standing, three hundred dollars; to the student having the second highest standing, one hundred and twenty-five dollars; to the student having the third highest standing, seventy-five dollars.

The Dana Prizes. Two prizes, one of fifty dollars and another of twenty-five dollars, are offered by Professor Charles Loomis Dana to the two students of the graduating class of the Medical College, to be designated by him, who make the best report of neurological cases seen during the course, provided that the reports submitted possess sufficient merit to warrant the award.

The Hollingsworth Honorarium for Research. An honorarium of fifty dollars for advanced work or research in pathology and bacteriology, established by Dr. W. G. Hollingsworth of Utica, is awarded to a senior in the Veterinary College on his general standing in the work of the first two years and his proficiency in the first courses in pathology and bacteriology.

The Whiting Prizes. Two prizes, the first of fifty dollars, the second of twenty-five dollars, are offered by Professor Frederick Whiting to the two students of the graduating class of the Medical College, to be designated by him, who make the best record in practical and theoretical work in otology.

The Fuertes Memorial Prizes in Public Speaking were founded by Charles H. Baker, a graduate of the College of Civil Engineering of the class of 1886. Two prizes, one of one hundred dollars and one of twenty dollars, are awarded annually to members of the junior and senior classes in the Colleges of Engineering and Architecture, for proficiency in public speaking.

The Japan Society Prizes. Through the generosity of Mr. Jacob H. Schiff, the Japan Society of New York is enabled to offer two prizes of seventy-five dollars and twenty-five dollars respectively for the best essays or articles on Japan, Japanese-American relations, or similar topics. The competition is open to all students of Cornell University.

The Jane Miller Prize of fifty dollars is awarded to the student or students having the highest standing in the subject of veterinary physiology.

The James Gordon Bennett Prize of fifty dollars is offered for work done on local and generalized anesthesia. The prize is open to seniors in the Veterinary College.

The Early English Text Society Prizes. The Early English Text Society annually donates four of its publications to be awarded as prizes to the students who pass the best examination in Early English.

The Graduate Prize in Philosophy has an annual value of about twenty-five dollars, and is open for competition to all students registered in the Graduate School. The prize will be awarded to the student who submits the best paper embodying the results of research in the field of philosophy.

The George Chapman Caldwell Prize of fifty dollars was established by Mrs. Grace Caldwell Chamberlin and Professor Frank Chamberlin as a memorial to their father. The prize, accompanied by a certificate, is to be awarded annually to a member of the senior class for general excellence in chemistry.

The Stewart Prize for the production of clean milk is a prize of fifty dollars donated by Mr. S. L. Stewart of Brookside Farms, Newburgh, N. Y.

FELLOWS AND GRADUATE SCHOLARS

1914-15

UNIVERSITY FELLOWS

The Cornell Fellowship:

Jesse Franklin Bradley, A.B. (Cornell) 1911 English

The McGraw Fellowship:

Jacob Oscar Jones, B.S. (Kansas) 1912 Civil Engineering

The Sage Fellowship:

Leonard Amby Maynard, A.B. (Wesleyan) 1911 Chemistry

The Schuyler Fellowship:

William Otterbein Ellis, A.B. (Lebanon Valley) 1911; M.S. (Iowa State) 1913 Entomology

The Sibley Fellowship:

Jen Chow, M.E. (Cornell) 1914 Mechanical Engineering

The Goldwin Smith Fellowship:

Gertrude Elizabeth Douglas, A.B. (Smith) 1904; A.M. (Cornell) 1907 Botany

The President White Fellowship:

Peter Irving Wold, B.S. (Oregon) 1901; E.E. (same) 1901 Physics

The Erastus Brooks Fellowship:

Joseph Vital De Porte, B.A. (Oklahoma) 1912; M.A. (Princeton) 1914 Mathematics

The Fellowship in Architecture:

Norris Ingersoll Crandall, B.Arch. (Cornell) 1914.

The Fellowship in Romance Languages:

James McFadden Carpenter, jr., A.B. (Haverford) 1912; A.M. (same) 1913.

The Fellowship in Germanic Languages:

Edwin Hermann Zeydel, B.A. (Columbia) 1914.

The Fellowship in Agriculture. No appointee.

The Fellowship in Mechanical Engineering. No appointee.

The President White Fellowships in History and Political Science:

William Alley Frayer, A.B. (Cornell) 1903.

Robert Morse Woodbury, A.B. (Clark) 1910; A.M. (same) 1912.

The Fellowships in Political Economy:

Theodore Franz Leilich, A.B. (Washington) 1913.

Margaret Loomis Stecker, A.B. (Cornell) 1906.

The Fellowships in Greek and Latin:

Frank Hewitt Cowles, Ph.B. (Wooster) 1907.

Elias Root Beadle Willis, A.B. (Pennsylvania) 1901.

The Fellowship in American History:

Asa Earl Martin, B.A. (William Jewell) 1908; M.A. (same) 1912.

The Susan Linn Sage Fellowships in Philosophy:

Marion Delia Crane, A.B. (Bryn Mawr) 1911; A.M. (same) 1914.
 Delton Thomas Howard, A.B. (Lawrence) 1910; A.M. (Illinois) 1912.

The Susan Linn Sage Fellowship in Psychology:

Josephine Nash Curtis, B.A. (Wellesley) 1910; A.M. (same) 1912.

The Jacob H. Schiff Fellowship in German:

Jessie Ruth Bahringer, A.B. (Cornell) 1913.

The Edgar J. Meyer Memorial Fellowship in Engineering Research:

Jerome Arthur Fried, M.E. (Cornell) 1910.

UNIVERSITY GRADUATE SCHOLARS**The Susan Linn Sage Scholarships in Philosophy:**

Yuen Ren Chao, A.B. (Cornell) 1914.
 Clarence Cecil Church, B.S. (St. Lawrence) 1914.
 Raymond Preston Hawes, A.B. (Brown) 1912; A.M. (same) 1913.
 Suh Hu, A.B. (Cornell) 1914.
 Allen Job Thomas, LL.B. (Cornell) 1907; A.B. (same) 1909.

The Susan Linn Sage Scholarships in Psychology:

Selin Shidadeh George, B.A. (Beirut) 1912; M.A. (Nebraska) 1914.

The Graduate Scholarship in Mathematics:

Chester Claremont Camp, A.B. (Grinnell) 1914.

The Graduate Scholarship in Chemistry:

Ruby Rivers Murray, A.B. (Mt. Holyoke) 1912; A.M. (same) 1914.

The Graduate Scholarship in Physics:

Charles Moon, B.C.E. (West Virginia) 1910.

The Graduate Scholarship in Civil Engineering:

Charles Smith Whitney, C.E. (Cornell) 1914.

The Graduate Scholarship in Latin and Greek:

Helen Shaurman Strong, A.B. (Vassar) 1914.

The Graduate Scholarship in Archaeology and Comparative Philology:

Christine Alexander, A.B. (Maryville) 1913.

The Graduate Scholarship in Embryology:

Gertrude Amelia Johnson, B.S. (Northwestern) 1911; M.S. (Illinois) 1913.

The Graduate Scholarship in Geology:

Ernest Rice Smith, A.B. (Oberlin) 1912.

The Graduate Scholarship in English:

Lewette Beauchamp Pollock, A.B. (Cornell) 1914.

The Graduate Scholarship in History:

No appointee.

The Graduate Scholarship in Architecture:

Edward Milton Urband, B.Arch. (Cornell) 1913.

UNIVERSITY UNDERGRADUATE SCHOLARSHIPS

CLASS OF 1917

- The Cornell Scholarships:
Charles Victor Parsell, jr., Arts and Sciences.
Randolph Vivian Cautley, Arts and Sciences.
- The H. B. Lord Scholarships:
John Jacob Gromfine, Mechanical Engineering.
Irma Helen Faith, Arts and Sciences.
- The McGraw Scholarships:
Nathan Dinnerstein, Civil Engineering.
Amanda Katherine Berls, Arts and Sciences.
- The Sage Scholarships:
Frederick Lincoln Brown, Arts and Sciences.
- The Sibley Scholarships:
Ralph Osgood Compton, Mechanical Engineering.
Samuel Max Barr, Mechanical Engineering.
- The President White Scholarships:
Louis Swerdlove, Civil Engineering.
Curt Eichler, Agriculture.
- The Horace Greeley Scholarships:
Lester Halbert Germer, Arts and Sciences.
Howard Eugene Stern, Agriculture.
- The John Stanton Gould Scholarships:
Herman Berman, Civil Engineering.
Jacob Abraham Fruchtbau, Civil Engineering.
- The Stewart L. Woodford Scholarships:

CLASS OF 1918

- The Cornell Scholarships:
Harold Meade Mott-Smith, jr., Arts and Sciences.
Paul Bradford, Arts and Sciences.
- The President White Scholarships:
George W. M. Robertson, Arts and Sciences.
Frederick Schuyler Reese, jr., Arts and Sciences.
- The Henry B. Lord Scholarships:
Esther Grimes, Agriculture.
Jane Janetta Moore-Smith, Arts and Sciences.
- The McGraw Scholarships:
Mary Eleanor Barstow, Arts and Sciences.
Joseph Adam Becker, Mechanical Engineering.
- The Sage Scholarships:
Charles Stahl, Arts and Sciences.
Samuel S. Shipman, Civil Engineering.
- The Sibley Scholarships:
Melvin Abbott Conant, Mechanical Engineering.
Pierre Mertz, Mechanical Engineering.
- The Stewart L. Woodford Scholarships:
Nicholas A. Walbran, Civil Engineering.
- The John Stanton Gould Scholarships:
David Schultz, Arts and Sciences.
Henry Rubin, Arts and Sciences.
- The Horace Greeley Scholarships:
Henry W. Greenberg, Arts and Sciences.
Leonard Bichwit, Arts and Sciences.

DORMITORIES

The University has but one dormitory for men students. This is known as Cascadilla Hall, and is situated near the main entrance gate to the Campus. It furnishes accommodations for about two hundred men. The annual charges for single rooms range from \$75 to \$150. For particulars address the Treasurer of the University, Ithaca, N. Y.

Two new dormitories for men are in course of construction.

The dormitories for women students are Sage College and Prudence Risley Hall. In these buildings, the total cost of board, laundry, and rent of furnished rooms, with heat and light, is three hundred and ten dollars a year. The University Adviser of Women has jurisdiction over all women students in the University and women students are not permitted to board or lodge outside of the dormitories for women, except in houses approved by the Adviser.

SAGE CHAPEL AND BARNES HALL

Religious services, provided for by the Dean Sage Preachership Endowment, are conducted in Sage Chapel throughout the academic year by clergymen selected from the various religious denominations. The University Preachers for the current year will be printed in the next edition of the Register.

The Cornell University Christian Association is a voluntary organization of students and professors formed for their own religious culture and for the promotion of Christian living in the University. The Christian Association has its home in Barnes Hall, which contains a library of biblical literature and reading and recreation rooms. Bible study courses are carried on throughout the year.

THE CORNELL INFIRMARY

The Cornell Infirmary is the former mansion of the late Henry Williams Sage, for many years chairman of the Board of Trustees of the University. At his death in 1897, his sons, Dean and William Henry Sage, endowed it and gave it to the University for a students' Infirmary as a memorial to their father. In 1912 the annex to the Infirmary was erected with a capacity of sixty-two beds.

The Infirmary is in charge of a superintendent and is open throughout the University year. For Infirmary fees see page 42.

PHYSICAL EXAMINATIONS AND MEDICAL ADVICE

Medical Advisers and Examiners: Samuel Archer Munford, M.D.; Edith Matzke, M.D.; Forrest Lee, M.D.; Harold H. Fox, M.D.; H. J. Spencer, M.D.

A physical examination is required of all students upon entering the University. The Medical Advisers observe regular office hours at their respective offices in the gymnasium for men and the gymnasium for women.

All students are at liberty and are urged, in cases of sickness or indisposition, to consult the Medical Advisers for a diagnosis of their ailments, to the end that they may be informed whether the further attention of a physician is necessary. When students are confined to their rooms, their house stewards or landlords are urged to communicate speedily with the Medical Advisers.

No charge is made for physical examinations or medical advice.

During the year 1913-14, the total number of calls at the offices of the Medical Advisers and Examiners was more than twenty thousand.

MILITARY SCIENCE AND TACTICS

The Professor of Military Science and Tactics at Cornell University is a commissioned officer of the United States Army. Instruction includes practical infantry training, and the Department aims to train men so that they may become efficient company officers of infantry volunteer troops in time of war.

Military drill with membership in the corps of cadets is required of every able-bodied non-alien male student throughout the freshman year in each of the undergraduate colleges of the University, with the exception of the Veterinary College whose students are temporarily exempt from this requirement. A second

year of military drill or a course in physical culture of three actual hours a week throughout the year is required of such students during the sophomore year. Connection with the corps of cadets may, if the student so desires, be continued through the junior and the senior year. Every cadet is required to provide himself with a uniform and cap, gray shirt, black tie, and belt. The total cost of this equipment is \$16.50.

Any qualified member of the cadet corps who has successfully completed his first year of residence in the University may be commissioned as an officer in the corps. The commissioned officers of the cadet corps receive salaries of \$100 to \$250 annually, and the senior officers rank as assistants in the Department of Military Science and Tactics.

Practical and theoretical instruction is given in band music, and qualified students may substitute this course for the required course in military science and tactics. There are three salaried positions in the band and trumpet corps.

PHYSICAL EXERCISES

Regular physical exercise is required of all students during the freshman and the sophomore year. During the freshman year male students are members of the cadet corps; during the sophomore year, they may continue as members of the cadet corps or they may if they prefer take physical exercise under the direction of the Department of Physical Culture. Women students take both years of the required physical exercise under the direction of the Department of Physical Culture.

ATHLETICS

It is the desire of the University that physical exercise should prove interesting and attractive to all students, not merely to those of unusual physical ability who are attempting to become members of some of the organized athletic teams. An athletic league exists among the various colleges of the University and a series of athletic contests is carried on throughout the year; all students in the University except the 'varsity athletes may participate in these. The games consist of cross-country running, association football, basketball, indoor athletics, baseball, track athletics, and rowing. Participation in these games as well as in such other games as tennis, lacrosse, handball, and golf, and in such forms of exercise as boxing, wrestling, and fencing, is regarded as fulfilling the requirements of the Department of Physical Culture.

The new playground and the Alumni Field, together including fifty-five acres, are on the Campus within five minutes walk of the Quadrangle. That part of Alumni Field which is devoted to 'varsity track athletics and football is, through the generosity of his descendants, being equipped as a memorial to Jacob F. Schoellkopf, and is designated as Schoellkopf Field; in it a Stadium with seats for nine thousand persons is in course of construction.

The Schoellkopf Memorial, on another part of Alumni Field, was erected by an alumnus of the University as a memorial to his friend Henry Schoellkopf, A. B. '02. It is a hall which provides training quarters for 'varsity teams in football, in baseball, and in track athletics, and in the minor sports.

Bacon Hall, likewise on Alumni Field, is a practice hall for all 'varsity sports.

The Armory and the Gymnasium are used for indoor athletic work during the winter months. Percy Field, an athletic field covering 10 acres, is at present used for most of the intercollegiate contests. Two boathouses, one for the 'varsity crews and one for the college crews, are situated on the inlet to Cayuga Lake, and are the headquarters of the crews during the spring and autumn. Women students have their separate gymnasium, boathouse, athletic field, etc.

All students who desire to train for athletic competitions are required to be examined by one of the Medical Examiners.

The University Faculty through its Committee on Student Affairs exercises jurisdiction over organized athletic teams and other recognized student organizations in respect of eligibility rules and leaves of absence.

ATHLETIC ASSOCIATION

The Cornell Athletic Association is an independent organization incorporated under the laws of the State of New York. Its board of trustees is composed of one representative from the Board of Trustees of Cornell University, and four from the faculties of the University, with one member at large, who together with representatives of the alumni and eight students representing officially the different branches of athletics, besides the representation of the undergraduate wearers of the "C", the representatives of the Minor Athletic Sports Association, and freshman representative constitute the Athletic Council. The Association owns Percy Field, the boats and boat houses, two gasoline launches, and other athletic equipment. The Association issues an annual membership ticket on the payment of \$10.00. The holders of these membership tickets are entitled to admission to every local athletic contest under the management of the Association, including all games of baseball, football, and track. Members are also entitled to first choice of reserved seats, and no reserved seat tickets for games or boat races are sold until the members of the Association have been supplied with the seats they require. No further subscription toward the support of athletics is solicited from holders of membership tickets. The Athletic Council is charged with the active management of the athletic interests of the University. The graduate manager is custodian of the funds belonging to the Association and to the various branches.

Officers

Herman Diederichs	President
Charles Hazen Blood	Financial Adviser
G. Ervin Kent	Graduate Manager

Members

Charles Hazen Blood	Board of Trustees
Charles Edward Treman	At large
David Fletcher Hoy	Faculty
Eugene Plumb Andrews	Faculty
Willard Winfield Rowlee	Faculty
G. Ervin Kent	Graduate Manager
Howard Heberton Ingersoll	"C" Representative
Walcott Brown Hastings	Navy Manager
William Victor Ellms	Commodore of Navy
Joseph Raymond Donovan	Baseball Captain
Frederick Frank Stoneman	Baseball Manager
Harold Averill Phoenix	Football Manager
John Ewing O'Hearn	Football Captain
Oliver August Reller	Track Captain
Allen Clark Minnix	Track Manager
Edwin Stuart Baker	"Minor Sports" Representative

BENEFICIARY AND LOAN FUNDS

The following beneficiary and loan funds have been established, the income of which is available for the aid of deserving students in Cornell University. The amounts indicated are the totals of the respective funds on August 1, 1914.

Guiteau Student Loan Fund. Gifts under the wills of Frederick W. Guiteau and of Mrs. Nancy G. Howe (\$94,689.03), the income to be used in advancing and assisting needful, worthy young men in pursuing their studies in the University. Established 1904..... \$257,561.13

Agricultural Student Loan Fund. Founded by gift of the School of Practical Agriculture and Horticulture at Briercliff, N. Y., to aid students in the Agricultural College who are working their way through, and increased by Agricultural students. Established 1908..... \$873.01

Florence Dearstyne Fund. Gift under the will of Miss Florence E. Dearstyne, the income to be used under the direction of the Federation of Cornell Women's Clubs in assisting needy young women students. Established 1914 \$2,367.71

Polish Student Loan Fund. Gift from Polish students at Cornell to be disbursed to candidates presented by members of the Polish Club of the University. Established 1909 \$128.00

Wm. C. Seidel Book Fund. Gift of Mr. and Mrs. Gerritt S. Miller, the income to be used to purchase books for poor young men working their way through the College of Civil Engineering. Established 1905 \$1,165.16

State Scholarship Alumni Fund. The nucleus of a fund to assist needy students. Established in 1914 by the gift of G. W. Graves, A.B., 1905, M.D., 1908, of the equivalent of the state scholarship held by him \$400.00

Woman's Guild Fund. The gift of women interested in the University, the income to be used to aid needy sick students. Established 1892 \$6,557.41

Women Students' Loan Fund. Consists of former Students' Loan Fund, the income to be loaned to needy women students, and increased in 1913 by \$7,000, temporarily assigned to the fund by Ex-President Andrew D. White from funds placed at his disposal by Trustee Andrew Carnegie \$18,624.05

Wurts Loan Fund. Gift of \$2,000 by Alexander Jay Wurts, in memory of his mother, the income to be loaned to students of Sibley College to "help lift the man's burden from the boy's shoulders". Additions by Sibley students. Established 1912 \$2,267.74

PUBLICATIONS

The Official Publications of Cornell University are issued monthly from July through November and semi-monthly from December through June. They include the annual Register, the Annual Report of the President, the Announcements of the various colleges, the General Circular of Information, and various departmental and other announcements. The Secretary of the University is the University Publisher.

The Philosophical Review, now in its twenty-fourth year, is a bimonthly journal edited by James E. Creighton, Professor of Logic and Metaphysics in the Sage School of Philosophy.

Cornell Studies in Classical Philology. This series, of which nineteen numbers have been published, is edited by Charles E. Bennett, Goldwin Smith Professor of Latin and George P. Bristol, Professor of Greek.

The Journal of Physical Chemistry, now in its nineteenth year, is published monthly during the academic year by Wilder D. Bancroft, Professor of Physical Chemistry.

Cornell Studies in Philosophy. This series of monographs is issued under the editorial supervision of the professors of philosophy in the Sage School of Philosophy. Ten numbers have been published.

Icelandica, of which seven volumes have been published, is an annual relating to Iceland and to the Fiske Icelandic Collection in the Cornell University Library: it is edited by George W. Harris, Librarian of the University Library.

Cornell University Medical Bulletin and the **Publications of the Cornell University Medical College** contain studies from the various departments of the Medical College.

The Memoirs of the Cornell University Agricultural Experiment Station consist of the more technical bulletins of the Federal Experiment Station at Cornell University.

ASSOCIATE ALUMNI

By the charter of the University the graduates are entitled to elect two of the Board of Trustees each year. At a meeting called for the purpose and held on Wednesday, June 26, 1872, the day preceding the annual Commencement, representatives of all the classes that had graduated being present, the alumni formed an organization under the name of the Associate Alumni of Cornell University. The declared object of the association was to promote in every proper way the interests of the University and to foster among the graduates a sentiment of regard for each other and of attachment to their Alma Mater. On May 19, 1903, the Association was incorporated under the general laws of the State of New York.

By an amendment to the charter of the University, passed May 15, 1883, permitting members of the alumni, not present in person, to vote by written ballot at the annual election of trustees, the Treasurer of the University is required to keep "a registry of the signature and address of each alumnus." It is therefore important that each alumnus keep the Treasurer of the University informed of his full address (city, street, and number), and notify him immediately of any change.

The following ordinance was adopted by the Board of Trustees, October 24, 1888. All graduates of the first degree, in any of the departments of Cornell University, and all persons who have been admitted to any degree higher than the first in said University shall be alumni of said University, and as such be entitled to vote for alumni trustees under and in pursuance of the provisions contained in chapter 763 of the Laws of New York passed in 1867.

Officers and Committees for 1914-15

President—Roger Lewis, '95, 32 Liberty St., New York City.

Vice-Presidents—Elon Huntington Hooker, '94, 40 Wall St., New York City; Mrs. Frederick Vernon Coville, '89, 1836 California Ave., Washington, D. C.

Secretary—Willard Winfield Rowlee, '88, Ithaca, N. Y.

Treasurer—Richard Oliver Walter, '01, 47 Equitable Bldg., Boston, Mass.

Board of Directors—(Term expires in 1915.) Willard Winfield Rowlee, '88, Ithaca, N. Y.; Bert Houghton, '89, care Edison Electric Illuminating Co., Brooklyn, N. Y.; Roger Lewis, '95, 32 Liberty St., New York City; Frank Scouller Porter, '00, 600 West Jackson Boulevard, Chicago, Ill.; William Chauncey Geer, '02, 218 Park St., Akron, Ohio.

(Term expires in 1916.) Charles Monroe Thorp, '84, 326 Maple Ave., Edge-wood Park, Pittsburgh, Pa.; James Harvey Edwards, '88, 30 Church St., New York City; Simon Louis Adler, '89, 811-814 Wilder Bldg., Rochester, N. Y.; Willard John Crawford, 720 Cuyahoga Bldg., Cleveland, Ohio; Alfred Dupont Warner, jr., '00, 1503-14th St., Wilmington, Del.

(Term expires in 1917.) Charles Gray Wagner, '80, Binghamton, N. Y.; William Mitchell Irish, '90, 4704 Springfield Ave., Philadelphia, Pa.; Lewis Leeds Tatum, '97, 621 Downer Ave., Milwaukee, Wis.; William Watts Macon,

'98, 711 Ave. J., Brooklyn, N. Y.; William John Dugan, '07, Erie Co. Bank Bldg., Buffalo, N. Y.

Nominating Committee—Term expires in 1915: Charles Henry Hull, '86, 413 East Buffalo St., Ithaca, N. Y.; Jay Cromwell Nellegar, '98, 39th St. and Stewart Ave., Chicago, Ill.; Edward Josiah Savage, '98, 24 Bowdoin St., Newton Highlands, Mass. Term expires in 1916: Leland Ossian Howard, '77, Department of Agriculture, Washington, D. C.; David Fletcher Hoy, '91, Ithaca, N. Y.; Joseph Porter Harris, '01, 714 Cuyahoga Bldg., Cleveland, Ohio. Term expires 1917: Eugene Charles Zeller, '00, 4320 Washington Ave., St. Louis, Mo.; Frank Crowl Robinson, '04, 3303 Hamilton St., Philadelphia, Pa.; Roscoe Claudius Edlund, '09, 105 E. 22 St., New York City.

Clubs and Associations with the Name and Address of the Secretary of Each General

THE ASSOCIATE ALUMNI OF CORNELL UNIVERSITY.—W. W. Rowlee, 11 East Ave., Ithaca, N. Y.

THE CORNELLIAN COUNCIL.—Eads Johnson, 30 Church St., New York.

THE CORNELL ASSOCIATION OF CLASS SECRETARIES.—Willard Austen, Cornell University Library, Ithaca, N. Y.

CORNELL SOCIETY OF CIVIL ENGINEERS.—Ernest A. Truran, 419 Warburton Ave., Yonkers, N. Y.

East

CORNELL CLUB OF NEW ENGLAND.—A. C. Blunt, jr., 348 Congress St., Boston, Mass.

CORNELL ASSOCIATION OF CONNECTICUT.—William Van Kirk, care The Aluminum Casting Co., Fairfield, Conn.

CORNELL UNIVERSITY CLUB OF NEW YORK.—F. H. Potter, jr., 65 Park Ave., New York City.

CORNELL ASSOCIATION OF BROOKLYN.—Charles L. Mulligan, 227 Macon St., Brooklyn, N. Y.

EASTERN NEW YORK CORNELL ALUMNI ASSOCIATION.—W. B. Lindsay, care General Electric Company, Schenectady, N. Y.

CORNELL ALUMNI ASSOCIATION OF SCHENECTADY.—W. H. Treene, care General Electric Company, Schenectady, N. Y.

CORNELL ALUMNI ASSOCIATION OF NORTHERN NEW YORK.—George H. Hooker, 8 State St., Watertown, N. Y.

CORNELL CLUB OF OSWEGO COUNTY.—Charles W. Linsley, 52 East Utica St., Oswego, N. Y.

CORNELL CLUB OF HERKIMER COUNTY.—Fred D. McIntosh, Little Falls, N. Y.

CORNELL CLUB OF CENTRAL NEW YORK.—Arthur A. Costello, 31 White Memorial Building, Syracuse, N. Y.

CORNELL ALUMNI ASSOCIATION OF SENECA FALLS.—John S. Gay, 116 Fall St., Seneca Falls, N. Y.

CORNELL CLUB OF BINGHAMTON.—A. L. Gilmore, 1008 Press Bldg., Binghamton, N. Y.

CORNELL ALUMNI ASSOCIATION OF THE SOUTHERN TIER.—Frank E. Gannett, Elmira, N. Y.

- CORNELL CLUB OF ROCHESTER.—Franklin H. Smith, 707 Wilder Bldg., Rochester, N. Y.
- CORNELL ALUMNI ASSOCIATION OF WESTERN NEW YORK.—W. H. Kennedy, 727 White Building, Buffalo, N. Y.
- NIAGARA FALLS ALUMNI ASSOCIATION.—Frederick L. Lovelace, 730 Main St., Niagara Falls, N. Y.
- CORNELL ALUMNI ASSOCIATION OF JAMESTOWN, N. Y.—Albert S. Price, Ellicott Bldg., Jamestown, N. Y.
- CORNELL CLUB OF NORTHERN NEW JERSEY.—H. Ezra Eberhardt, Mountain View Terrace, Maplewood, N. J.
- CORNELL CLUB OF PHILADELPHIA.—S. V. V. Hoffman, jr., 1519 Sansom St., Philadelphia, Pa.
- NORTHEASTERN PENNSYLVANIA ASSOCIATION.—Seth W. Shoemaker, 827 Electric St., Scranton, Pa.
- CORNELL CLUB OF WESTERN PENNSYLVANIA.—John H. Scott, 1426-27 Park Bldg., Pittsburgh, Pa.
- CORNELL UNIVERSITY ASSOCIATION OF DELAWARE.—Alfred D. Warner, Jr., 1503 West 14th St., Wilmington, Del.
- CENTRAL PENNSYLVANIA CORNELL ALUMNI ASSOCIATION.—E. W. Whited, 2116 No. 3 St., Harrisburg, Pa.

South

- CORNELL UNIVERSITY CLUB OF ALABAMA.—Vacant.
- CORNELL ASSOCIATION OF MARYLAND.—I. Ellis Behrman, 1121 E. Baltimore St., Baltimore, Md.
- CORNELL CLUB OF WASHINGTON.—Herbert R. Cox, Y. M. C. A. Bldg., Washington, D. C.
- CORNELL UNIVERSITY CLUB OF LOUISIANA.—E. E. Soulé, 603 Saint Charles St., New Orleans, La.
- CORNELL UNIVERSITY CLUB OF TEXAS.—T. L. Fountain, 506 S. W. Life Bldg., Dallas, Texas.

Middle States

- NORTHEASTERN OHIO CORNELL ASSOCIATION.—B. R. Tewksbury, 2126 East 21st St., care The Delivery Co., Cleveland, O.
- CORNELL ALUMNI ASSOCIATION OF TOLEDO.—C. J. Mandler, 403 Superior St., Toledo, O.
- CORNELL UNIVERSITY ASSOCIATION OF INDIANA.—N. H. Noyes, care Eli Lilly & Co., Indianapolis, Ind.
- CORNELL ALUMNI ASSOCIATION OF MICHIGAN.—R. L. Davis, Room 545, Michigan Central Terminal Bldg., Detroit, Mich.
- CORNELL UNIVERSITY ASSOCIATION OF CHICAGO.—R. W. Sailor, 1415 Michigan Ave., Chicago, Ill.
- CORNELL UNIVERSITY ALUMNI ASSOCIATION OF MILWAUKEE.—L. B. Berckhead, 251 Oneida St., Milwaukee, Wis.
- THE CORNELL CLUB OF ST. LOUIS.—Eugene C. Zeller, 4320 Washington Ave., St. Louis, Mo.
- CORNELL ASSOCIATION OF KANSAS CITY.—F. W. Freeborn, Rialto Building, Kansas City, Mo.

NORTHWESTERN CORNELL CLUB.—Dr. C. F. Flocken, 2624 Emerson Ave. South, Minneapolis, Minn.

CORNELL ALUMNI ASSOCIATION OF IOWA.—Vacant.

HEAD OF THE LAKES CORNELL ASSOCIATION.—F. W. Hargreaves, 513 East Third St., Duluth, Minn.

OMAHA CORNELL CLUB.—John W. Battin, 945 Nat. Bank Bldg., Omaha, Neb.

West

THE ROCKY MOUNTAIN CORNELL ALUMNI ASSOCIATION.—Edmund Rogers, McPhee Bldg., Denver, Colo.

CORNELL ALUMNI ASSOCIATION OF UTAH.—Paul Williams, care Law Department, Oregon Short Line Co., Salt Lake City, Utah.

LOGAN CORNELL CLUB.—E. G. Peterson, Logan, Utah.

CORNELL UNIVERSITY CLUB OF SPOKANE.—Ernest Price, 627 E. Sprague Ave., Spokane, Wash.

CORNELL ALUMNI ASSOCIATION OF SEATTLE.—Thomas F. Crawford, jr., Hallidie Machinery Co., Seattle, Wash.

PACIFIC NORTHWEST ASSOCIATION.—Frank D. Nash, 500 Bank of California Building, Tacoma, Wash.

CORNELL ALUMNI ASSOCIATION OF PORTLAND.—Dr. George N. Pease, Medical Building, Portland, Ore.

CORNELL UNIVERSITY CLUB OF NORTHERN CALIFORNIA.—Leroy F. Goodrich, care The Frontier Press, Oakland, Cal.

CORNELL UNIVERSITY CLUB OF SOUTHERN CALIFORNIA.—T. K. Gally, 119 Oak St., Ventura, Cal.

Foreign and Insular

CORNELL ALUMNI ASSOCIATION OF FRANCE.—Henry C. Charpiot, 26 Rue Laffitte, Paris, France.

CORNELL CLUB OF HAWAII.—H. A. R. Austin, 20 Kapiolani Bldg., Honolulu, T. H.

CORNELL ALUMNI ASSOCIATION OF THE PHILIPPINE ISLANDS.—Abraham Gideon, City Hall, Manila, P. I.

CORNELL CLUB OF NORTH CHINA.—George C. Hanson, American Consulate, Chefoo, China.

CORNELL ALUMNI ASSOCIATION OF EASTERN CANADA.—Franklin E. Holland, Room 900 Winsor Station, C. P. R., Montreal, Can.

Women's Clubs

FEDERATION OF CORNELL WOMEN'S CLUBS.—Miss Emma Bowers, 408 Hector St., Ithaca, N. Y.

ALBANY.—Mrs. G. W. Patterson, 5 Madison Pl., Albany, N. Y.

BOSTON.—Miss Laura K. Johnson, 102 The Fenway, Boston, Mass.

BUFFALO.—Miss Sara C. Walsh, 2318 Seneca St., Buffalo, N. Y.

CHICAGO.—Mrs. Robert W. Sailor, 135 N. Ridgeland Ave., Oak Park, Ill.

CLEVELAND.—Mrs. Willard Beahan, 2213 Bellfield Ave., Cleveland, O.

ITHACA.—Miss R. Harris, Kelvin Pl., Ithaca, N. Y.

NEW YORK.—Miss M. Graham, 47 Kensington Ave., Jersey City Heights, N. J.

PHILADELPHIA.—Miss Alma T. Waldie, 437 E. Washington Lane, Germantown, Pa.

ROCHESTER.—Miss Eleanor Gleason, 15 Portsmouth Terrace, Rochester, N. Y.
 TROY.—Miss Frances McTammany 170-1st St. Troy, N. Y.
 UTICA.—Miss Kathryn Karrigan, 23 Kemble St., Utica, N. Y.
 WASHINGTON.—Miss Marguerite Decker, 46 The Beacon, Washington D. C.
 WATERVLIET.—Miss Anna W. Fogarty, 1926-23 St., Watervliet, N. Y.
 WORCESTER.—Miss Arabella H. Tucker, 554 Pleasant St., Worcester, Mass.

THE CORNELLIAN COUNCIL

OFFICERS

President—Ira A. Place, '81, Grand Central Station, New York City.
 Vice-President—E. Vail Stebbins, '93, 42 Broadway, New York City.
 Secretary—Eads Johnson, '99, 30 Church St., New York City.

The Cornellian Council is an organization whose object is the furthering of systematic financial support of Cornell University by those who have been students at that institution. It was formed at the instance of the Associate Alumni, the original members being appointed by the Trustees of the University.

Membership consists of one representative, elected for a term of five years, from each of the last forty classes graduated and ten members at large.

Regular meetings are held twice a year, one of which, the annual meeting, is held in Ithaca during Commencement week, the other in January, at a place to be designated.

Remittances of all subscriptions secured by the council are made directly to the Treasurer of Cornell University, the right being reserved to the donor of designating any specific object toward which his subscription is to be applied.

The total number of subscribers to the fund on February 1, 1914, was 3400.

The membership of the council is as follows:

HONORARY MEMBERS

Julius Chambers, '70, 312 W. 109th St., New York City.
 Frederic Schoff, '71, 26th and Callowhill Sts., Philadelphia, Pa.
 William J. Youngs, '72, Garden City, L. I.
 Edwin Gillette, '73, Ithaca, N. Y.
 William R. Lazenby, '74, State University, Columbus, O.

1875—Charles S. Harmon, 1205 First National Bank Building, Chicago, Ill.
 1876—Jeremiah K. Cady, 172 Washington St., Chicago, Ill.
 1877—Merritt E. Haviland, 32 Nassau St., New York City.
 1878—Mrs. Bessie DeW. Beahan, 2213 Bellfield Ave., Cleveland, Ohio.
 1879—Calvin Tomkins, 17 Battery Place, New York City.
 1880—Hosea Webster, 85 Liberty St., New York City.
 1881—Ira A. Place, Grand Central Terminal, New York City.
 1882—Dr. Herbert D. Schenck, 75 Halsey St., Brooklyn, N. Y.
 1883—Franklin Matthews, Columbia School of Journalism, New York City.

- 1884—Henry J. Patten, 220 Western Union Building, Chicago, Ill.
- 1885—Mrs. A. B. Comstock, Roberts Place, Ithaca, N. Y.
- 1885—Robert J. Eidlitz, 489 Fifth Avenue, New York City.
- 1886—Elias A. deLima, Battery Park National Bank, New York City.
- 1887—George C. Miller, 1012 Fidelity Building, Buffalo, N. Y.
- 1888—Albert E. Metzger, 1508 Broadway, Indianapolis, Ind.
- 1889—Leon Stern, 1017 Chamber of Commerce Building, Rochester, N. Y.
- 1890—Junius T. Auerbach, 6 Beacon St., Boston, Mass.
- 1891—R. F. Almirall, 185 Madison Ave., New York City.
- 1892—Robert T. Mickle, 430 W. Stafford St., Germantown, Philadelphia, Pa.
- 1893—E. Vail Stebbins, 42 Broadway, New York City.
- 1894—Edwin P. Young, Towanda, Pa.
- 1895—Woodford Patterson, Ithaca, N. Y.
- 1896—Oliver D. Burden, 935 University Block, Syracuse, N. Y.
- 1897—Newell Lyon, 43 Cedar St., New York City.
- 1898—J. J. Kuhn, 177 Montague St., Brooklyn, N. Y.
- 1899—Edward L. Stevens, jr., 154 Nassau St., New York City.
- 1900—John R. Bensley, 3933 Ellis Ave., Chicago, Ill.
- 1901—John Lawson Senior, 246 Wildwood ave., Jackson, Mich.
- 1902—Maurice Whinery, 7 Laight St., New York City.
- 1903—Raymond P. Morse, Jay and Water Sts., Brooklyn, N. Y.
- 1904—Harland B. Tibbetts, 37 Wall St., New York City.
- 1905—Erskine P. Wilder, Elmhurst, Ill.
- 1906—Robt. H. Coit, 214 Murray Bldg., Grand Rapids, Mich.
- 1907—Julian A. Pollak, The Pollak Steel Co., Cincinnati, O.
- 1908—William G. Mennen, 727 High St., Newark, N. J.
- 1909—Robert E. Coulson, 62 Cedar St., New York City.
- 1910—Rodney O. Walbridge, 177 Rugby Road, Brooklyn, N. Y.
- 1911—A. W. Hawkes, jr., Phoenix, N. Y.
- 1912—Finis E. Yoakum, jr., 140 E. Ave., 59, Los Angeles, Cal.
- 1913—Ward Kremer, Bradley Beach, N. J.
- 1914—T. B. Crews, '14, Washington Hotel, St. Louis, Mo.

AT LARGE

- John Frankenheimer, '73, 25 Broad St., New York City.
- Charles W. Wason, '76, 9209 Euclid Avenue, Cleveland, O.
- Mrs. A. B. Comstock, '85, Roberts Pl., Ithaca, N. Y.
- George B. Kittinger, '85, 659 Colman Block, Seattle, Wash.
- George W. Bacon, '92, 115 Broadway, New York City.
- Frank O. Affeld, jr., '97, 141 Broadway, New York City.
- Kelton E. White, '00, 303 N. 4th St., St. Louis, Mo.
- William Metcalf, jr., '01, 1410 H. W. Oliver Bldg., Pittsburgh, Pa.
- Willard D. Straight, '01, 23 Wall St., New York City.
- Ernest S. Shepherd, '02, Geophysical Laboratory, Washington, D. C.

THE CORNELL ASSOCIATION OF CLASS SECRETARIES

OFFICERS FOR 1914-15

- President—Clark S. Northup, '93, 407 Elmwood Ave., Ithaca, N. Y.
Vice-President—Elmer Ellsworth Bogert, '94, 1125 Boston Rd., Bronx,
New York City.
Treasurer—Robert Elias Treman, '09, Ithaca, N. Y.
Secretary—Willard Austen, '91, Cornell University Library, Ithaca, N. Y.

CLASS SECRETARIES

- 1869—Morris Lyon Buchwalter, Carew Bldg., Cincinnati, Ohio.
1870—Charles Albert Storke, McKay Bldg., Santa Barbara, Calif.
1871—Robert Goodloe Harper Speed, 911 E. State St., Ithaca, N. Y.
1872—Charles Lee Crandall, 408 Hector St., Ithaca, N. Y.
1873—Edwin Gillette, 304 N. Geneva St., Ithaca, N. Y.
1874—John Henry Comstock, Roberts Place, Ithaca, N. Y.
1875—Henry Woodward Sackett, Tribune Bldg., New York City.
1876—Daniel Franklin Flannery, 1200 Westminster Bldg., Chicago, Ill.
1877—William Ogdon Kerr, 111 Oak Ave., Ithaca, N. Y.
1878—Willard Beahan, 2213 Bellfield Ave., Cleveland, Ohio.
1879—Calvin Tomkins, 17 Battery Place, New York City.
1880—Frank Irvine, 210 Stewart Ave., Ithaca, N. Y.
1881—Henry Hiram Wing, 3 Reservoir Ave., Ithaca, N. Y.
1882—Norton Townshend Horr, 1518 Williamson Bldg., Cleveland, O.
1883—Franklin Matthews, Columbia School of Journalism, New York City.
1884—Henry Pelouse de Forest, Hotel Somerset, 150 West 47th St., New York.
1885—Edward Herman Bostwick, 402 N. Geneva St., Ithaca, N. Y.
1886—Luzerne Coville, 514 East Buffalo St., Ithaca, N. Y.
1887—Veranus Alva Moore, 914 E. State St., Ithaca, N. Y.
1888—Willard Winfield Rowlee, 11 East Ave., Ithaca, N. Y.
1889—Henry Neely Ogden, 614 University Ave., Ithaca, N. Y.
1890—Charles James Miller, Newfane, N. Y.
1891—Willard Austen, Cornell University Library, Ithaca, N. Y.
1892—Charles Dibble Bostwick, 803 E. Seneca St., Ithaca, N. Y.
1893—Clark Sutherland Northup, 407 Elmwood Ave., Ithaca, N. Y.
1894—Elmer Ellsworth Bogart, 1125 Boston Road, Bronx, New York City.
1895—William Fitch Atkinson, 44 Court St., Brooklyn, N. Y.
1896—George Solomon Tompkins, 47 So. Manning Boulevard, Albany, N. Y.
1897—George Nieman Lauman, College of Agriculture, Ithaca, N. Y.
1898—Jesse Fuller, jr., 166 Montague St., Brooklyn, N. Y.
1899—Charles Crawford Whinery, 23 Hampton Terrace, East Orange, N. J.
1900—George Harper Young, 93 Main St., Binghamton, N. Y.
1900—Mrs. M. H. Kingsbury (for women), Central Ave., Ithaca, N. Y.
1901—Arthur Sherwood, 90 West St., New York City.
1902—William John Norton, 72 W. Adams St., Chicago, Ill.

- 1902—Mrs. Ruth Bentley Shreve (for women), Hastings-on-Hudson, N. Y.
 1903—Raymond Parmlee Morse, 166 Gates Ave., Brooklyn, N. Y.
 1904—Cecil Jarvis Swan, 820 So. Michigan Ave., Chicago, Ill.
 1904—Dr. Mary Crawford, (for women), 296 New York Ave., Brooklyn, N. Y.
 1905—Harold Jay Richardson, 131 Dayan St., Lowville, N. Y.
 1906—Charles Henry Tuck, Agricultural College, Ithaca, N. Y.
 1907—Antonio Lazo, Bertron Griscom & Co., 40 Wall St., New York City.
 1908—Seth Whitney Shoemaker, 827 Electric St., Scranton, Pa.
 1909—Robert Elias Treman, 411 University Ave., Ithaca, N. Y.
 1910—George Ervin Kent, Cornell University Athletic Association, Ithaca, N. Y.
 1911—James Edward Oliver Winslow, The New York Herald, New York City.
 1911—Miss Clara Vivian Braymer (for women), Granville, N. Y.
 1912—Ross William Kellogg, 8 John St., Seneca Falls, N. Y.
 1912—Mrs. Mabel DeForest Starkweather, (for women), 30 Oakland Ave.,
 Bloomfield, N. J.
 1913—George H. Rockwell, 136 Broadway, Cambridge, Mass.
 1913—Miss Sophie N. Becker (for women), 420 Carey St., Baltimore, Md.
 1914—Heber Wallace Peters, Cornell University Secretary, Ithaca, N. Y.
 1914—Miss Mary Abell Doty, (for women), Geneseo, N. Y.
 1915—Robert Whitman White, Brockport, N. Y.
- MED. COLL.—William Henry Cattle, Mamaroneck, N. Y.
 Nan Gilbert Seymour (for women), 129 E. 17th St., New York City.

HONORARY MEMBERS

- President Jacob Gould Schurman, Ithaca, N. Y.
 Registrar David Fletcher Hoy, '91, Ithaca, N. Y.
 Woodford Patterson, '96, Ithaca, N. Y.
 Ira A. Place, President Cornellian Council.
 Roger Lewis, President Associate Alumni.
 Thomas F. Crane, Ithaca, N. Y.

CLASS MEMORIALS

- CLASS OF 1872:—Seventy-two Elm Trees bordering President's Avenue and northern half of East Avenue.
 CLASS OF 1873:—Drinking Fountain in front of McGraw Hall.
 CLASS OF 1878:—The Class Pipe.
 CLASS OF 1879:—Bronze Tablet containing bust of Bayard Taylor in Sage Chapel.
 CLASS OF 1883:—Portrait of Professor William Dexter Wilson, D.D., LL.D., in the University Library.
 CLASS OF 1884:—Portrait of Professor Charles Chauncey Shackford, A.M., in the University Library.
 CLASS OF 1885:—Statue of Augustus Caesar in the Museum of Casts.
 CLASS OF 1886:—The '86 Memorial Prize in Junior Oratory.
 CLASS OF 1890:—Cornell Boat House.
 CLASS OF 1891:—The '91 Memorial Fund subject to class action.
 CLASS OF 1892:—The Witherbee Memorial Club House at Percy Field.
 CLASS OF 1893:—The Interscholastic League Prizes in Athletics.

- CLASS OF 1894:—The '94 Memorial Prize in Debate.
- CLASS OF 1895:—The Henley Shell.
- CLASS OF 1896:—Gift toward the establishment of a University Club.
- CLASS OF 1897:—Gift toward the establishment of a University Club.
- CLASS OF 1898:—Gift toward the establishment of a University Club.
- CLASS OF 1898 (College of Law):—Carved oak seat in Boardman Hall.
- CLASS OF 1899:—Gift toward the establishment of an Alumni Hall.
- CLASS OF 1900:—Gift toward the establishment of an Alumni Hall.
- CLASS OF 1901:—Gift toward the establishment of an Alumni Hall.
- CLASS OF 1902:—Gift toward the establishment of an Athletic Field.
- CLASS OF 1903:—Gift toward the establishment of an Athletic Field.
- CLASS OF 1903 (College of Law):—Portraits of Justice Rufus W. Peckham and Joseph H. Choate.
- CLASS OF 1904:—Gift toward an Endowment Fund.
- CLASS OF 1904 (College of Law):—Portraits of James C. Carter and Elihu Root.
- CLASS OF 1905:—Gift toward the establishment of an Alumni Hall.
- CLASS OF 1905 (College of Law):—Portraits of Abraham Lincoln and Thomas M. Cooley.
- CLASS OF 1906:—Gift toward an Endowment Fund.
- CLASS OF 1906 (College of Law):—Portrait of Justice Joseph W. Story.
- CLASS OF 1907:—Gift toward an Endowment Fund.
- CLASS OF 1907 (College of Law):—Portrait of Governor Charles E. Hughes.
- CLASS OF 1908:—Gate for Alumni Field.
- CLASS OF 1908 (College of Law):—Oak seat in Boardman Hall.
- CLASS OF 1909:—Gift toward an Endowment Fund.
- CLASS OF 1910:—Gift toward an Endowment Fund.
- CLASS OF 1910 (College of Law):—Portrait of James Barr Ames.
- CLASS OF 1911:—Gift toward an Endowment Fund.
- CLASS OF 1911 (College of Law):—Portrait of Chief Justice White.
- CLASS OF 1912:—Gift toward an Endowment Fund.
- CLASS OF 1912 (College of Law):—Portrait of Professor William Albert Finch.
- CLASS OF 1913:—Gift toward an Endowment Fund.
- CLASS OF 1914:—Gift toward an Endowment Fund.

CORNELL UNIVERSITY SUMMER SESSION

July 6-August 14, 1914

OFFICERS

Jacob Gould Schurman, LL.D., President of the University.
George Prentice Bristol, A.M., Director of the Summer Session.
David Fletcher Hoy, M.S., Registrar of the University.

FACULTY

Arthur Augustus Allen, Ph.D., Instructor in Zoology.	Zoology
Ross Peter Anderson, Ph.D., Instructor in Chemistry.	Chemistry
Elmer James Bailey, Ph.D., Instructor in English.	English
Earl Whitney Benjamin, M.S. in Agr., Instructor in Poultry Husbandry.	Poultry Husbandry
Ernest Blaker, Ph.D., Assistant Professor of Physics.	Physics
Roy G. Blakey, Ph.D., Assistant Professor of Economics.	Economics
Smiley Blanton, B.S., M.D., Some time Instructor in Oratory.	Voice Training
Albert William Boesche, Ph.D., Assistant Professor of German.	German
Edmund Garrigues Boring, A.M., Instructor in Psychology.	Psychology
Julius Frederick Brauner, jr., Instructor in Civil Engineering.	Mechanics
Julian Pleasant Bretz, Ph.D., Professor of American History.	History and Government
Arthur Wesley Browne, Ph.D., Professor of Chemistry.	Chemistry
Clara Witmer Browning, B.S., Instructor in Home Economics.	Home Economics
Abraham R. Brubacher, Ph.D., Superintendent of Schools, Schenectady.	Education
Laura Bryant, Director of Music, Ithaca Public Schools.	Music
William Benjamin Buck, Assistant in Wood Shop.	Manual Training
Harry Oliver Buckman, Ph.D., Assistant Professor of Soil Technology.	Soils
R. W. Burgess, Instructor in Mathematics.	Mathematics
Earle Nelson Burrows, C.E., Instructor in Civil Engineering.	Engineering
Walter Butterfield, Director of Music, Manchester, N. H.	Music
Frank Carney, Ph.D., Professor of Geology and Mineralogy, Denison University.	Geography
Walter B. Carver, Ph.D., Assistant Professor of Mathematics.	Mathematics
Ernest Monin Chamot, Professor of Chemistry.	Chemistry
Charles Chupp, A.B., Assistant in Plant Pathology.	Plant Pathology
Mrs. Anna Botsford Comstock, B.S., Assistant Professor of Nature Study.	Nature Study
Albert Francis Coutant, B.S., Assistant in Entomology.	Entomology
Clyde F. Craig, Ph.D., Instructor in Mathematics.	Mathematics
Lewis J. Cross, Ph.D., Assistant Professor of Agricultural Chemistry.	Agricultural Chemistry
Josephine Nash Curtis, M.A., Some time Instructor in William Smith College.	Education
George Irving Dale, A.B., Instructor in Romance Languages.	Spanish
Hollis Dann, Mus.D., Professor of Music.	Music
Hermann Davidsen, Ph.D., Assistant Professor of German.	German
Merritt James Davis, Assistant in Chemistry.	Chemistry
Charles DeGarmo, Ph.D., Professor of Education.	Education
Forrest Lee Dimmick, Assistant in Psychology.	Psychology
Charles Edwin Dimon, B.S., Instructor in Vegetable Gardening.	Gardening
Charles Love Durham, Ph.D., Professor of Latin.	Latin
Arthur Johnson Eames, Ph.D., Instructor in Botany.	Botany
Ellsworth David Elston, A.B., Instructor in Geography.	Geography
Mabel D. Ely, Head of Department of Drawing and Art, High School of Commerce, Cleveland, Ohio.	Drawing and Art
George C. Embody, Ph.D., Assistant Professor of Nature Study.	Nature Study
Carl John Engelder, A.B., Assistant in Chemistry.	Chemistry
Walter W. Fisk, M.S. in Agr., Assistant Professor of Dairy Industry.	Dairy Industry
Harry M. Fitzpatrick, Ph.D., Assistant Professor of Plant Pathology.	Plant Pathology
William Silliman Foster, Ph.D., Instructor in Psychology.	Psychology

Jean M. Gelas, Instructor in Physical Training.	Fencing and Swimming
A. Kendall Getman, B.S.A., Cortland Normal School.	Agriculture
Roswell Clifton Gibbs, Ph.D., Assistant Professor of Physics.	Physics
Arthur Witter Gilbert, Ph.D., Professor of Plant Breeding.	Plant Breeding
Pierre F. Giroud, L.L.O.I., Lecturer in University of Pennsylvania,	French
Edward S. Guthrie, M.S. in Agr., Professor of Dairy Industry.	Dairy Industry
Clarence Frederick Hale, Ph.D., Professor of Physics, State Normal College, Albany.	Physics and Chemistry
C. W. Ham, Instructor in Drawing.	Drawing
Earle Volcart Hardenburg, B.S., Instructor in Farm Crops.	Farm Crops
Merritt W. Harper, M.S., Professor of Animal Husbandry.	Animal Husbandry
Leon Augustus Hausman, Assistant in Meteorology.	Meteorology
John Jerome Hayes, Teacher of Singing, New York City.	Music
David Spence Hill, Ph.D., Director of Educational Research, New Orleans, La.	Education
William Henry Hoerrner, Professor of Music, Colgate University.	Music
Frank Holt, Instructor in German.	German
Leroy Hooper, Foreman of Woodshop.	Manual Training
Helen Bell Hoover, Teacher of Applied Art, West Technical High School, Cleveland, Ohio.	Industrial Education
Wallie Abraham Hurwitz, Instructor in Mathematics.	Mathematics
Oskar Augustus Johannsen, Ph.D., Assistant Professor of Biology.	Biology
Arthur Edward Johnstone, Teacher of Music, New York City.	Music
Vern Reuben Jones, B.S., Assistant in Dairy Industry.	Dairy Industry
John Joseph Kennedy, B.Chem., Assistant in Chemistry.	Chemistry
Olney Brown Kent, B.S., Instructor in Poultry Husbandry.	Poultry Husbandry
Dexter S. Kimball, A.B., Professor of Machine Design.	Industrial Education
Richard Ray Kirk, A.M., Instructor in English.	English
Halsey B. Knapp, M.S. in Agr., Assistant Extension Professor of Pomology.	Pomology
Helen Knowlton, A.B., Instructor in Home Economics.	Home Economics
Lewis Knudson, Ph.D., Assistant Professor of Plant Physiology.	Plant Physiology
George N. Lauman, B.S.A., Professor of Rural Economy.	Rural Economy
Burton Judson Lemon, Ph.D., Instructor in Chemistry.	Chemistry
Gustav E. F. Lundell, Ph.D., Assistant Professor of Chemistry.	Chemistry
William Edward Lunt, A.M., Professor of European History.	History
Alice G. McCloskey, A.B., Assistant Professor of Rural Education.	Rural Education
Thomas J. McInerney, M.S. in Agr., Instructor in Dairy Industry.	Dairy Industry
Joseph Vane McKelvey, Ph.D., Instructor in Mathematics.	Mathematics
Samuel A. Mahood, M.A., Instructor in Chemistry.	Chemistry
James F. Mason, Ph.D., Assistant Professor of Romance Languages.	French
Peter A. van der Meulen, B.Chem., Assistant in Chemistry.	Chemistry
Victor Elvert Monnett, Instructor in Geology.	Geology
Benton Sullivan Monroe, Ph.D., Assistant Professor of English.	English
Frederick Montesper, Ph.D., Head of Department of German, DeWitt Clinton High School, New York City.	German
Guy Brooks Muchmore, A.B., Assistant Professor of Public Speaking.	Oral English
Everett Ward Olmsted, Ph.D., Professor of Romance Languages.	French
William Ridgeley Orndorff, Ph.D., Professor of Organic Chemistry.	Chemistry
Oliver Ralph Overman, A.M., Assistant in Chemistry.	Chemistry
Frederick William Owens, Ph.D., Instructor in Mathematics.	Mathematics
Roland H. Patch, B.S., Instructor in Floriculture.	Floriculture
Irving Perrine, Ph.D., Professor of Geology, University of Oklahoma.	Geology
Horace M. Pickerill, B.S. in Agr., Instructor in Dairy Industry.	Dairy Industry
Miles A. Pond, Ph.B., Assistant Professor of Civil Engineering.	Descriptive Geometry
James T. Quarles, University Organist.	Music
Arthur Benning Ray, M.A., Assistant in Chemistry.	Chemistry
Gilbert J. Raynor, A.M., Commercial High School, Brooklyn.	Commercial Education
Harry Westfall Redfield, Ph.D., Instructor in Chemistry.	Chemistry
Hugh Daniel Reed, Ph.D., Assistant Professor of Zoology.	Zoology
Ernest W. Rettger, Ph.D., Assistant Professor of Applied Mechanics.	Mechanics
Frank E. Rice, A.B., Instructor in Agricultural Chemistry.	Agricultural Chemistry

James Edward Rice, B.S.A., Professor of Poultry Husbandry.	Poultry Husbandry
Floyd Karker Richtmyer, Ph.D., Assistant Professor of Physics.	Physics
William Albert Riley, Ph.D., Professor of Insect Morphology and Parasitology.	Entomology
Ethel Roberts, Teacher in Graystoke Day Training College, London, Eng.,	Physical Education
Flora Rose, B.S., M.A., Professor of Home Economics.	Home Economics
Harold Ellis Ross, M.S.A., Professor of Dairy Industry.	Dairy Industry
Martin Wright Sampson, M.A., Professor of English.	English
Elmer Seth Savage, Ph.D., Professor of Animal Husbandry.	Animal Husbandry
Burton T. Scales, Teacher of Music, Penn Charter School, Philadelphia.	Music
Francis J. Seery, B.M.S., Assistant Professor of Civil Engineering.	Hydraulics
Francis Robert Sharpe, Ph.D., Assistant Professor of Mathematics.	Mathematics
John Sandford Shearer, Ph.D., Professor of Physics.	Physics
Henry Augustus Sill, Ph.D., Professor of Ancient History.	History
Virgil Snyder, Ph.D., Professor of Mathematics.	Mathematics
Samuel Newton Spring, B.A., M.F., Professor of Forestry.	Forestry
Stella Stark, Supervisor of Music, Buffalo, N. Y.	Music
Anna Clegg Stryke, A.B., Instructor in Entomology.	Entomology
Sheila Sutherland, Teacher in Graystoke Day Training College, London, Eng.	Physical Education
Newton Swift, Teacher of Piano and Theory, Boston, Mass.	Music
Bertha Estelle Titsworth, Instructor in Home Economics.	Home Economics
Hugh Charles Troy, B.S.A., Professor of Dairy Industry.	Dairy Industry
John R. Turner, M.S., Assistant Professor of Economics.	Economics
Edward M. Tuttle, B.S.A., Instructor in Rural Education.	Education
Elizabeth Undritz, A.M., Instructor in German, Illinois College.	German
Leonard Church Urquhart, C.E., Instructor in Civil Engineering.	Engineering
James Elijah Vanderhoef, Foreman in Foundry.	Manual Training
Martha Van Rensselaer, A.B., Professor of Home Economics.	Home Economics
Herbert Hunter Vaughan, Ph.D., Instructor in Romance Languages, University of Penn.	Spanish
Harry E. Vick, M.S., Assistant in Biology.	Biology
Oscar Diedrich von Engeln, Ph.D., Assistant Professor of Geography.	Geography
Albert Edward Wells, Superintendent of Shops.	Industrial Education
Thomas W. B. Welsh, Ph.D., Instructor in Chemistry.	Chemistry
Bernice White, Teacher of Music in the Normal College, New York City.	Music
Karl McKay Wiegand, Ph.D., Professor of Botany.	Botany
Mrs. Maude Cipperly Wiegand, A.B., Instructor in Botany.	Botany
Charles Scoon Wilson, A.B., M.S.A., Professor of Pomology.	Pomology
Wilford Murray Wilson, M.D., Professor of Meteorology.	Meteorology
Harry Elmsley Wood, Director of Manual Training, Indianapolis, Ind.	Industrial Education
James Albert Woodburn, Ph.D., Professor of American History and Politics, Indiana University.	History and Government
Paul Work, A.B., M.S. in Agr., Instructor in Vegetable Gardening.	Gardening
George A. Works, M.A., Professor of Rural Education.	Rural Education
Albert Hazen Wright, Ph.D., Instructor in Zoology.	Zoology
Wesley Daniel Zinnecker, Ph.B., Instructor in German.	German

There are no academic requirements for admission to the Summer Session. Each student must however satisfy the instructor in charge of a course (unless it be elementary) that he is qualified to undertake the work of the course.

Credit toward an undergraduate degree may be obtained only by students regularly registered in one of the colleges of Cornell University. For credit toward the degree A.B., see page 68; for credit toward other undergraduate degrees, see the announcements of the respective courses in the Summer Session.

For the conditions under which graduate work may be pursued during the Summer Session, see page 46.

The tuition for the Summer Session is \$30. Tuition is free to students from New York State if all of their work is in subjects taught in the College of Agriculture; if any of their work is outside of the College of Agriculture, they must pay the regular tuition fee of \$30.

The residential halls for women, the libraries, and the Infirmary are open during the Summer Session.

COURSES OF INSTRUCTION

EDUCATION

- A. Principles of Education. Professor DEGARMO. Except Sat., 11. Credit, two hours.
- B. History of Education. Professor DEGARMO. Except Sat., 9. Credit, two hours.
- C. Educational Psychology. Professor HILL. Except Sat., 10. Credit, two hours.
- D. School Hygiene. Professor HILL. Except Sat., 11. Credit, two hours.
- E. Mental and Physical Tests of School Children. Professor HILL and Miss CURTIS. Except Sat., 2-4:30. Credit, two hours.
- F. Elementary Education. Except Sat., 8. Superintendent BRUBACHER. Credit, two hours.
- G. School Administration. Except Sat., 9. Superintendent BRUBACHER.
- L. Physical Education for Women. Misses SUTHERLAND and MURRAY.
- M. Physical Education—Swimming and Fencing. For this instruction a special charge is made: For swimming, \$10; For fencing, \$5, including outfit. Mr. GELAS.

DEPARTMENT COURSES FOR TEACHERS

I. Education

- 1. Problems of Industrial Education. Except Sat., 12-1. Professors DEGARMO and KIMBALL, and others.

II. Handwork

- 2. Manual Training for the Lower Grades. Except Sat., 2-4. Mr. WOOD.
- 3. Wood Work for the Elementary Schools. Daily, 8-11. Mr. HOOPER.
- 4. Wood Work for Secondary Schools. Except Sat., 2-5. Mr. HOOPER.
- 5. Shop Lectures and Conferences. T Th, 4-5. Mr. WOOD.
- 6. Foundry Work. Mr. VANDERHOEF.
- 7. Forging for Secondary Schools.
- 8. Machine Work for Secondary Schools. Mr. WELLS and Mr. HOWE.

III. Drawing and Art Training

- 9. Freehand Drawing for Elementary and Secondary Schools. Except Sat., 9-12. University credit, two hours. Miss ELY and Miss HOOVER.
- 9a. Design, Fine and Applied Art. Except Sat., 8-11. University credit, two hours. Miss ELY and Miss HOOVER.
- 10. Mechanical Drawing for Secondary Schools.

PSYCHOLOGY

- A. Introduction to Psychology. Credit, two hours. Except Sat., 9. Dr. FOSTER.
- B. The Psychology of Memory and Learning. Credit, one hour. T Th, 11. Dr. FOSTER.
- C. The Psychology of the Abnormal Mind. Credit, one hour. M W F, 11. Mr. BORING.
- D. Introductory Laboratory Course. Credit, two hours. M W F, 2:00-4:30. Dr. FOSTER, Mr. BORING, and Mr. DIMMICK.
- E. Advanced Work in Psychology. Dr. FOSTER and Mr. BORING.

ENGLISH

- A. Composition. Except Sat., 9. Credit, two hours. Dr. STELTER. This course and course B (see below) will together be considered the equivalent of the first term of course 1 in the regular University year.
- B. Introductory Course in Literature. Except Sat., 8. Credit, two hours. Mr. KIRK.
This course and course A (see above) will together be considered the equivalent of the first term of course 1 in the regular University year.
- C. The History of the English Language. Except Sat., 11. Credit, two hours. Assistant Professor MONROE.
- D. Nineteenth Century Prose. Except Sat., 10. Credit, two hours. Mr. KIRK.
- E. Teachers' Course. Except Sat., 9. Credit, two hours. Dr. BAILEY.
- F. Modern English Grammar. M W F, 8. Credit, one hour. Dr. BAILEY.
- G. Nineteenth Century Poetry. Except Sat., 10. Credit, two hours. Professor SAMPSON.
- H. American Literature. Except Sat., 12. Credit, two hours. Dr. BAILEY.

- J. **Shakespeare.** Except Sat., 8. Credit, two hours. Dr. STELTER.
 K. **Seventeenth and Eighteenth Century Poetry.** Except Sat., 12. Credit, two hours. Assistant Professor MONROE.
 L. **Modern Drama.** Except Sat., 11. Credit, two hours. Professor SAMPSON.

VOICE TRAINING—ORAL ENGLISH

- A. **Public Speaking.** Except Sat., 8. Credit, two hours. Assistant Professor MUCHMORE.
 B. **Voice Training.** Except Sat., 9. Credit, one or two hours. Dr. BLANTON.
 D. **Oral Reading.** Except Sat., 10. Credit, two hours. Assistant Professor MUCHMORE.
 E. **Speech Defects.** M W F, 11. Credit, one or two hours. Dr. BLANTON.

FRENCH

- A. **First Year French.** Except Sat., 8 and 12. Professor OLMSTED. University credit, four hours. Entrance credit, one unit.
 B. **Second Year French.** Except Sat., 8 and 12. Professor GIROUD. Credit, four hours. Entrance credit, one unit.
 C. **Third Year French.** Daily, 8 and 12. Assistant Professor MASON. Credit, five hours. Entrance credit, one unit.
 D. **Teachers' Training Course.** M W, 9. Professor OLMSTED. Credit, one hour.
 E. **Explication de Textes.** T F, 9. Assistant Professor MASON. Credit, one hour.
 F. **Lectures in French.** Trois époques intéressantes dans l'histoire du Théâtre en France. Except Sat., 11. G. S. 281. Credit two hours. Professor GIROUD.

SPANISH

- A. **First Year Spanish.** Daily, 8 and 12, and three additional hours a week. Mr. DALE. Credit, six hours. Entrance credit, two units.
 B. **Second Year Spanish.** Except Sat. 9. Credit, two hours. Dr. VAUGHAN.
 C. **Training Course for Teachers.** Except Sat., 10. Credit, two hours. Dr. VAUGHAN.

GERMAN

- A. **First Year German.** Daily except Sat., 8 and 12. Dr. ZINNECKER. University credit, four hours. Entrance credit, one unit.
 B. **Second Year German.** University credit, four hours. Entrance credit, the second unit in German. Daily except Sat., 8 and 12. Dr. MONTESER.
 C. **Third Year German.** Daily, 8 and 12. Mr. HOLT. University credit, five hours. Entrance credit, the third unit in German.
 [Advanced Course in Modern German Grammar. Assistant Professor BOESCHE. Credit, two hours.] Not given in 1914.
 D. **Middle High German.** Except Sat., 11. G. S. 137. Assistant Professor BOESCHE. Credit, two hours.
 E. **Advanced Composition and Conversation.** Except Sat., 8. G. S. 190. Assistant Professor DAVIDSEN. Credit, two hours.
 [Studies in the Style and Technique of the Nineteenth Century Prose Writers. Except Sat., 10. Assistant Professor DAVIDSEN.] Not given in 1914.
 F. **Comparative Studies in the German Drama.** Except Sat., 9. Assistant Professor DAVIDSEN. Credit, two or three hours.
 G. **Life and Works of Goethe.** Except Sat., 10. Assistant Professor BOESCHE. Credit, two hours.
 H. **Training Course for Teachers.** Except Sat., 9. Dr. MONTESER. Credit, two or three hours.
 J. **Six Lectures in German on popular subjects.** Dr. BOESCHE, Dr. DAVIDSEN and Dr. MONTESER.

LATIN

- A. **Latin in the High School.** Daily except S, 8 o'clock. Credit, two hours. Professor DURHAM.
 B. **The Equipment of the Teacher of Latin in the High School.** Daily except S, 9 o'clock. Credit, two hours. Professor DURHAM.
 C. **Graduate Work.** Qualified students may begin or may continue their work in candidacy for the degree of Master of Arts. Professor DURHAM.

INTRODUCTORY LECTURES ON THE SCIENCE OF LANGUAGE

A course of nineteen lectures given by professors in the Departments of Greek, Latin, German, French, and English. Credit, one hour.

1. Introductory lecture, Professor BRISTOL; 2-4. The Indo-European Family of Languages, Professor DURHAM; 5. The Physiology of the Organs of Speech, Dr. BLANTON; 6-10. The Principles of Phonetics, Professor DAVIDSEN; 11. Analogy, Professor DURHAM; 12. Semantics, Professor DAVIDSEN; 13. Phonetic Laws, Professor DURHAM; 14-15. The Germanic Group of the Indo-European Family, Professor BOESCHE; 16-17. A Brief History of the English Language, Professor MONROE; 18-19. A Brief Sketch of the French Language, Professor MASON.

HISTORY AND GOVERNMENT

A. American Constitution and Government. Except Sat., 8. Credit, two hours. Professor BRETZ.

B. Political Parties and Party Problems in America. Except Sat. 11. Credit, two hours. Professor WOODBURN.

C. American Political History, 1781-1829. Except Sat., 12. Credit, two hours. Professor WOODBURN.

D. American Social History, 1750-1848. Except Sat., 10. Credit, two hours. Professor BRETZ.

[American History, 1850-1875. Professor BRETZ. Not given in 1914.]

[English History to 1485. Professor LUNT. Not given in 1914.]

E. English History, 1485-1914. Except Sat., 10. Credit, two hours. Professor LUNT.

F. Medieval History. Except Sat., 9. Credit, two hours. Professor LUNT.

G. The Roman Empire from Augustus to Constantine. Except Sat. 11. Credit, two hours. Professor SILL.

H. Topics in Ancient History. Except Sat. 9. Credit, two hours. Professor SILL.

ECONOMICS AND BUSINESS

A. Principles of Economics. Except Sat., 9. Credit, two hours. Assistant Professor TURNER.

B. Economic Problems. Except Sat., 10. Credit, two hours. Assistant Professor BLAKEY.

C. Corporation Finance and the Trust Problem. Except Sat., 8. Credit, two hours. Assistant Professor TURNER.

[Money and Banking. Credit, two hours. Not given in 1914.]

D. American Social Problems. Except Sat., 11. Credit, two hours. Assistant Professor BLAKEY.

E. Business Law and Procedure. Except Sat., 11. Mr. RAYNOR.

F. Bookkeeping and Elements of Accounting. Except Sat., 10. Mr. RAYNOR.

MUSIC

Preparatory-year courses are designated A. First-year courses are designated B. Second-year courses are designated C. Third-year courses are designated D. Fifth-year courses are designated E.

Sight Reading—A. Daily exc. S. Miss WHITE, Miss STARK.

Sight Reading—B. M T Th F, Mr. SCALES, Professor HOERRNER.

Material and Sight Reading—C. Credit, one hour. Daily exc. S. Mr. SCALES, Professor HOERRNER.

Dictation—A. Daily exc. S., Miss WHITE, Miss STARK.

Dictation—B. Credit, two hours. Daily exc. S. Mr. BUTTERFIELD.

Dictation—C. Credit, two hours. Daily exc. S. Mr. BUTTERFIELD.

Material and Methods—B. Credit, one hour. M T W Th, Miss BRYANT.

Methods—C. Credit, two hours. Daily exc. S. Professor DANN.

Methods—D. Credit, two hours. M T Th F, Professor DANN.

Rudiments of Music—A. M T W Th, Mr. SCALES.

Melody—B. Credit, two hours. Daily exc. S. Mr. SWIFT, Mr. JOHNSTONE.

Melody—C. Credit, one hour. Mr. SWIFT.

Melody and Harmony—D. Credit, two hours. M T W Th, Mr. SWIFT, Mr. JOHNSTONE.

High and Normal School Music and Conducting—D. Credit, two hours. Daily exc. S. Professor DANN, Professor HOERRNER.

Practice Teaching—D. Credit, one hour. M T W Th, Miss BRYANT.

Chorus. Daily exc. S., Professor DANN.

Lectures, on the technique of singing. Four lectures, Mr. HAYES.

Vocal Training—E. Mr. HAYES and Professor DANN. Daily exc. S, July 29-Aug. 13.

Musical Composition—E. Credit, two hours. Daily exc. S., Mr. JOHNSTONE.

Musical Appreciation—E. Credit, one hour. M T W Th, Mr. JOHNSTONE.

MATHEMATICS

Courses A, B, and C are equivalent to the advanced entrance requirements of Cornell University. Credit, three hours each.

A. **Advanced Algebra.** Except Sat. Assistant Professor CARVER and Dr. OWENS.

B. **Solid Geometry.** Except Sat., 9. Assistant Professor SHARPE.

C. **Trigonometry.** Except Sat. Dr. HURWITZ and Dr. CRAIG.

Courses D, E, and F are equivalent, respectively, to (a), (b), and (c) of course 5 in Mathematics, regularly given during the academic year. Credit, D, five hours; E, three hours; F, three hours.

D. **Analytic Geometry.** Daily except Sat., 8 and 11. Assistant Professor GILLESPIE.

E. **Differential Calculus.** Eight recitations each week. Dr. CRAIG, Professor SNYDER, and Assistant Professor CARVER.

F. **Integral Calculus.** Eight recitations each week. Assistant Professor SHARPE, Dr. McKELVEY, Dr. OWENS, and Dr. HURWITZ.

G. **Projective Geometry.** Daily except Sat., 8. Credit, three hours. Professor SNYDER.

H. **Advanced Calculus.** Daily except Sat., 9. Assistant Professor GILLESPIE. Credit, two hours.

K. **Teachers' Course.** Daily except Sat., 10. Credit, two hours. Dr. McKELVEY.

PHYSICS

1. **Lectures with Experiments.** Wave motion, sound, and light. Except Sat., 12. Credit, two hours. Professor SHEARER.

5. **Recitations on Lecture Course 1.** M W F, 8. Professor SHEARER. Credit, one hour.

6. **Recitation Course.** Prerequisite course 1. Credit, two or four hours.

7. **Teachers' Course:** 7a. **The Adaptation of Demonstrations on Work to High School Teaching.** T Th, 2-5. Assistant Professor GIBBS. 7b. **The Purpose and Administration of Laboratory Teaching in High Schools.** M W F, 2; and conference hours. Professor HALE.

8. **Recitations in General Physics.** Credit, two hours. Prerequisite, either Physics 1 and 5, or 1 and 10, and Mathematics 5. Except Sat., 8. Assistant Professor GIBBS.

9. **Recitations in General Physics.** Continuation of Course 8. Except Sat., 12. Assistant Professor RICHTMYER.

10. **Physical Laboratory.** One to five three-hour periods a week. Assistant Professors BLAKER and RICHTMYER. Credit, one to three hours.

14. **Physical Experiments.** Credit from one to four hours. Prerequisite courses 1 and 6, or 1 and three hours of 10. One to five three-hour periods a week. Assistant Professors BLAKER and RICHTMYER.

25. **Advanced Laboratory Practice.** Directed by members of the staff in each special field.

CHEMISTRY

The courses announced below correspond as follows to regular University courses: A to course 1; B to part of 48; C and E to 6; C and D to 7; E (with part of F) to 12; F to 14; G to 17; H to 19; I to 20; J and L to 30; K and M to 31; N to 37; R to 65; S to 66; T to part of 69.

A. **Introductory Inorganic Chemistry.** a. Lectures except Sat., 12. Professor BROWNE and Mr. DAVIS. b. Laboratory work, Dr. WELSH and Mr. OVERMAN. c. Recitations. T Th, F, 8. Dr. WELSH. Credit, six hours.

B. **Selected Topics in Advanced Inorganic Chemistry.** M W F, 10. Credit, one hour. Dr. WELSH.

C. **Qualitative Analysis.** Lectures, M W F, 11. Dr. LEMON. Laboratory, except Sat., Dr. LEMON and Mr. RAY. Credit, three hours.

D. **Qualitative Analysis.** Lectures and recitations, T Th, 8. Dr. LEMON. Laboratory work. Dr. LEMON and Mr. RAY. Credit, one, two, or three hours.

E. **Quantitative Analysis.** Elementary. Lectures, T Th, 11, laboratory, M W F, 8-11. Credit, two hours. Assistant Professor LUNDELL and Mr. VANDER MEULEN.

F. **Quantitative Analysis.** Advanced. Credit, one, two, three, or four hours. Assistant Professor LUNDELL and Mr. VANDER MEULEN.

G. **Opticochemical Methods.** Lectures, except S., 12, and laboratory practice. Credit, three hours. Dr. ANDERSON and Mr. ENGELDER.

[H. **Qualitative and Quantitative Gas Analysis.** Lectures. Credit, two hours. Dr. ANDERSON.] Not given in 1914.

[I. **Technical Gas Analysis.** Credit, two hours. Dr. ANDERSON and Mr. ENGELDER.] Not given in 1914.

J. **Organic Chemistry.** Aliphatic compounds. Lectures and recitations, except Sat., 8, and laboratory practice. Credit, four, five, or six hours. Professor ORNDORFF, Mr. MAHOOD, and Mr. KENNEDY.

K. **Organic Chemistry.** Lectures and recitations of course J. Credit, two hours. Professor ORNDORFF and Mr. KENNEDY.

L. **Organic Chemistry.** Aromatic compounds. Lectures and recitations, except Sat., 10, and laboratory practice. Credit, four, five, or six hours. Mr. MAHOOD and Mr. KENNEDY.

M. **Organic Chemistry.** Lectures and recitations of course L. Credit, two hours. Mr. MAHOOD and Mr. KENNEDY.

N. **Methods of Organic Analysis.** Credit, two or more hours. Professor ORNDORFF and Mr. MAHOOD.

R. **Microchemical Methods.** Credit, two hours. Professor CHAMOT.

S. **Microchemical Analysis.** Elementary course. Credit, three hours. Professor CHAMOT.

T. **Elementary Sanitary Chemistry.** Lectures, recitations, and laboratory practice. Credit, five hours. Dr. REDFIELD.

Z. **Teachers' Course.** Lectures and conferences. Professor HALE.

GEOGRAPHY AND GEOLOGY

Illustrated Lectures. Several illustrated lectures on geographical or geological subjects of popular interest.

Round Table Conferences in Geography and Geology. Professor CARNEY.

A. **Physical Geography.** M T W Th, 9. Assistant Professor VON ENGELN. Credit, two hours.

B. **Industrial and Commercial Geography.** M T W Th, 8. Professor CARNEY. Credit, two hours.

C. **Geography of North America.** M T W Th, 10. Assistant Professor VON ENGELN. Credit, two hours.

D. **Aims and Methods in Geography.** M T Th, 11. Professor CARNEY. Credit, one hour.

E. **Elementary Geology.** M T W Th, 11. Professor PERRINE. Credit, two hours.

F. **Minerals and Rocks.** Lectures T Th, 10, and laboratory practice. Professor PERRINE and Mr. MONNETT. Credit, two hours.

G. **Field Research and Teachers' Course in Geology.** Professor PERRINE. Credit, one or more hours.

H. **Physical Geography, Laboratory Course.** Laboratory fee, \$1.00. T Th, 2-4. Mr. ELSTON. Credit, one hour.

I. **Elementary Geology, Laboratory Course.** Laboratory fee, \$1.00. T Th, 2-4. Professor PERRINE and Mr. MONNETT. Credit, one hour.

J. **Geography and Geology, Field Course.** A series of eleven excursions under the direction of Assistant Professor VON ENGELN and other members of the staff.

ZOOLOGY

A. **General Zoology.** Lectures, except Sat., 9, and five laboratory periods. Laboratory fee, \$5.00. Credit, five hours. Assistant Professor REED, and Drs. WRIGHT and ALLEN.

B. **Ornithology.** Lectures, laboratory, and field work. Credit, three hours. Laboratory fee, \$1.50. Assistant Professor REED, and Drs. WRIGHT and ALLEN.

B. **Advanced Work and Research.** For qualified students.

SHOP WORK AND DRAWING FOR ENGINEERING STUDENTS

A. **Mechanical Drawing.** For beginners. Mr. HAM.

B. **Machine Sketching and Drawing.** Professor KIMBALL and Mr. HAM.

C. **Descriptive Geometry.** Daily exc. S. The equivalent of the C. E. course 1 of the regular college year. Credit, five hours. Assistant Professor POND.

A. **Pattern Making.** Mr. HOOPER.

B. **Foundry Work.** Mr. VANDERHOEF.

C. **Forge Work.** Mr. HEAD.

D. **Machine Work.** Mr. WELLS and Mr. BUCK.

Courses A, B, C, and D are equivalent to the corresponding courses of the regular college year.

E. **Manual Training.** Special courses in the several shops, designed to meet the wants of manual training teachers.

MECHANICS OF ENGINEERING

Courses A and B are the equivalent of Course 20 in the College of Civil Engineering, or of Courses M 5 and N 6 in Sibley College.

A. **Mechanics.** Credit, five hours. Assistant Professor RETTGER.

B. **Mechanics.** Credit, five hours. Assistant Professor RETTGER and Mr. BRAUNER.

C. **Engineering Problems.** Credit, two hours. Equivalent to course 29, College of Civil Engineering. Assistant Professor RETTGER and Mr. BRAUNER.

BRIDGE AND STRUCTURAL ENGINEERING

C.E. 71. **Structural Design and Bridge Stresses.** Credit, two or four hours. Equivalent to first term of C.E. 71. Messrs. BURROWS and URQUHART.

C.E. 71. **Bridge Design.** Credit, four hours. Messrs. BURROWS and URQUHART.

C.E. 72. **Reinforced Concrete Arch.** Credit, three hours. Messrs. BURROWS and URQUHART. May be substituted for Engineering Design, C.E. (91f).

C.E. 77. **Concrete Construction.** Credit, three hours. Messrs. BURROWS and URQUHART.

HYDRAULICS

Courses A and B cover the same field as does the regular course, C.E. 23, except that no laboratory demonstration lectures are given.

Course A. Daily except Sat., 12. Assistant Professor SEERY.

Course B. Daily, 8. Assistant Professor SEERY.

COURSES IN THE COLLEGE OF AGRICULTURE

AGRICULTURE

B. **Agriculture for High Schools.** Credit, three hours; for juniors and seniors in the College of Agriculture, five hours. Lectures, M W F, 9. Laboratory and seminary, Daily exc. S. Mr. GETMAN.

C. **Agriculture for Elementary Schools.** Daily except S. Credit, two hours. Mr. GETMAN.

ANIMAL HUSBANDRY

A. **Principles and Practice of Feeding Animals.** Daily except S. Credit, two hours. Professor SAVAGE.

B. **Principles of Animal Breeding, and Elementary Judging.** Credit, three hours. Lectures, daily except S, 9. Laboratory, T Th. Professor HARPER.

BIOLOGY

A. **General Biology.** Credit, three hours. Lectures, except S, 11, and laboratory and field work. Assistant Professor JOHANSEN and Mr. VICK. Laboratory fee, \$2.50.

BOTANY

A. **Elementary Botany.** Credit, three hours. Lectures and laboratory or field work, M W F, 8-1. Dr. EAMES. Laboratory fee, \$1.

B. **Elementary Morphology of Seed Plants.** Credit, one hour. Professor WIEGAND and Mr. METCALF. Laboratory fee, \$1.

C. **General Plant Physiology.** Credit, four hours. Lectures, daily except S, 9. Laboratory, daily except S, 10-12.30. Assistant Professor KNUDSON. Laboratory fee, \$5.

D. **Identification, Classification, and Ecology of the Higher Plants and Ferns.** Credit, two hours. Professor WIEGAND and Mr. METCALF. Laboratory fee, \$1.

E. **Trees and Shrubs.** Credit, two hours. Dr. EAMES. Laboratory fee, \$1.

F. **Methods of Teaching Elementary Botany.** Credit, one hour. Mrs. WIEGAND. Laboratory fee, \$1.

G. **Research for Graduate Students.** Professor WIEGAND.

CHEMISTRY

A. **Agricultural Chemistry.** Credit, four hours. Prerequisite: Chemistry 1. Lectures, daily, 8. Recitations, M W F, 9. Assistant Professor CROSS.

B. **Agricultural Chemistry.** Credit, two hours. Prerequisite Chemistry 1 and 6. Assistant Professor CROSS and Mr. RICE. A laboratory course designed to accompany course A. Laboratory deposit, \$15.

C. **Household Chemistry.** Credit, two hours. Prerequisites: Chemistry 1 and 6. Daily except S 10. Assistant Professor CROSS.

D. **Household Chemistry.** Credit, three hours. Assistant Professor CROSS and Mr. RICE. A laboratory course designed to accompany course C. Laboratory deposit, \$20.

DAIRY INDUSTRY

A. **Milk Composition and Tests.** Credit, three hours. Professor TROY and Mr. JONES. Equivalent to course 1 of the regular university year. Laboratory deposit, \$3.

B. **Dairy Industry.** Five periods a week. No credit. Professors STOCKING, ROSS, and GUTHRIE, Assistant Professor FISK, and Messrs. MCINERNEY and PICKERILL. Laboratory deposit, \$3 part returnable.

ENTOMOLOGY

Laboratory fees will be charged in these courses varying with the nature of materials required, from 50 cents to \$1.50 for each hour of academic credit.

A. **General Entomology.** Credit, two or more hours. Miss STRYKE.

B. **Laboratory Course in the Morphology and Classification of Insects.** Credit, two or more hours. Miss STRYKE and Mr. COUTANT.

C. **Morphology and Development of Insects.** Credit, two or more hours. Professor W. A. RILEY.

D. **Insects and Disease.** Credit, one hour. M W F, 12. Professor W. A. RILEY.

E. **Research.** Opportunities will be afforded for advanced work and research in various phases of entomology.

Seminary. M, 4.30. Conducted by the Jugatae, an entomological club that meets for the discussion of current literature and of the results of investigations.

FARM CROPS

A. **Farm Crops.** Credit, three hours. Mr. HARDENBURG. Laboratory fee, \$2.

FLORICULTURE

A. **General Flower Growing.** Credit, one hour. Mr. PATCH and Miss MINNS.

FORESTRY

B. **General Forestry.** Credit, two hours. Lectures, M T W F, 8. Forestry Building. Field work, F, 2-4.30. Professor SPRING. Laboratory fee, 50 cents.

C. **Forestry for Schools.** Credit, two hours. Lectures, T Th S, 11. Field work, T Th, 2-4.30. Professor SPRING. Laboratory fee, 50 cents.

HOME ECONOMICS

A. **Foods.** Credit, four hours. Misses BROWNING and KNOWLTON. Laboratory fee, \$5.

B. **Human Nutrition.** Credit, three hours. Professor ROSE and Miss BROWNING. Laboratory fee, \$4.

C. **Household Management.** Credit, two hours. Professor VAN RENSSELAER and Miss KNOWLTON. Laboratory fee, \$1.

D. **Household Sanitation.** Credit one hour. Miss KNOWLTON.

E. **Extension in Home Economics.** Credit, one hour. Professor VAN RENSSELAER.

F. **Sewing.** Credit, four hours. Laboratory fee, \$5.

G. **School Methods in Home Economics.** Credit, one hour. Miss BROWNING.

METEOROLOGY

A. **Meteorology and Climatology.** Credit, two hours. Professor W. M. WILSON and Mr. HAUSMAN.

NATURE STUDY

A. **General Nature Study.** Credit, two hours. Assistant Professors COMSTOCK and EMBODY.

B. **Natural History of the Farm.** Credit, one hour. Assistant Professor EMBODY. Laboratory fee, \$1.

PLANT BREEDING

A. **Principles and Practice of Plant Improvement.** Credit, one hour. Professor GILBERT. Laboratory fee, 50 cents.

PLANT PATHOLOGY

A. **Plant Pathology.** Credit, three hours. Prerequisite: elementary botany, 5 or 6 hours. Assistant Professor FITZPATRICK and Mr. CHUPP. Laboratory fee, \$4.50, plus a breakage deposit of \$2.

B. **Identification of Mushrooms and Disease-inducing Fungi.** Credit, one hour. Assistant Professor FITZPATRICK and Mr. CHUPP. Laboratory fee, \$1.50, plus a breakage deposit of \$2.

POMOLOGY

- A. **General Fruit Growing.** Credit, three hours. Prerequisite: Botany 1. Professor C. S. WILSON and Assistant Professor KNAPP.
- B. **Small Fruits.** Credit, one hour. Professor WILSON.
- C. **Advanced Pomology.** Credit, one hour. Prerequisites: Botany 1 and Pomology A. Assistant Professor KNAPP.

POULTRY HUSBANDRY

- A. **Poultry Feeding, Poultry House Construction, and Poultry Management.** Credit, one hour. Professor RICE and Mr. KENT. Laboratory fee, \$1.
- C. **Poultry Breeds, Breeding and Judging.** Credit, one hour. Mr. KENT. Laboratory fee, \$1.
- D. **Marketing Poultry and Poultry Products.** Credit, one hour. Mr. BENJAMIN. Laboratory fee, \$1.

RURAL ECONOMY

- A. **Agriculture.** No credit toward graduation. Daily exc. S. Professor LAUMAN.
- B. **Rural Economy.** Credit, two hours. Professor LAUMAN.

RURAL EDUCATION

- F. **The School.** Credit, one hour. Miss McCLOSKEY and Mr. TUTTLE.
- G. **Methods in Elementary Agriculture.** Credit, one hour. Professor WORKS.
- H. **Methods of Teaching High School Agriculture.** Credit, one hour. Professor WORKS.

SOIL TECHNOLOGY

- C. **Soils.** Three periods. No credit toward graduation. Assistant Professor BUCKMAN.

VEGETABLE GARDENING

- A. **Vegetable Gardening.** Credit, one hour. Messrs. WORK and DIMON. Laboratory fee, \$1.50.

THE FORTY-SIXTH ANNUAL COMMENCEMENT

Wednesday, June 17, 1914

FIRST DEGREES

Bachelors of Arts

Alba Stenson Ainsworth
Esther Frances Andrus
Thyrza Simonton Askew
Paul James Barnhart
Earl Alonzo Barrett
Ruth Helene Bayer
Solomon Berger
Adrian Irving Block
Louise Cluett Bontecou
Anna Pearl Bowman
Westley Saville Burnham
Ruby Viene Caswell
Henry Chalmers
Yuen Ren Chao
Lois Linda Chapin
Grace Elizabeth Chapman
Alice May Chase
Edwin Hunter Clark
James Patterson Clark
Sidney Townsend Cole
William Britton Conrad
Ethel Letitia Cornell
Margaret Bouck Cornell
Thomas Bouldwin Crews, jr.
Elma Evelyn Cummings
Robert Henry Currie
Harriette Eliza Cushman
Henry Vernon Davis
Lawrence Taylor Dee
Lyda May Degener
Walter Henry Dieckmann
Henry Hudson Dimon
Harold Allison Doty
Beatrice Elizabeth Dougherty
Lynwood Gifford Downs
Crawford Arnold Duntley
Seth Victorius Elting
Helen Margery Felter
Earl Edmund Ferris
Frederic Ebell Fiske
Edward Paul Flood
Irving Stern Florsheim
Felix Morse Frederiksen
Jacob Hyman Friedel
Grace Brown Gardner
Eva Louise Albertson Garnsey
Albert Geiser
Edwin Spence Gillette
Ralph James Gingrich
Edwin Gerald Goldstone
Edward Foreman Graham
Paul Edson Green
Truman Hull Griswold
Eva Marcella Haigh
George Harold Hall
Hartwell Leon Hall
Robert James Harbison
Francis Harper
William Oscar Harris
Josephine Hastings
Leon Augustus Hausman
Stanley John Hiett
Emerson Hinchliff
John Macpherson Horn

Clara Zenade Howard
Minfu Tah Hu
Paul Hamilton Husted
Warren Ball Hutchinson
Ralph Montgomery Johnson
Samuel Chester Johnson
Archibald Burt Johnston
Brua Cameron Keefer, jr.
Warren Thompson Kent
Clara Wilhelmina Keopka
Henri Kenneth KirkPatrick
Walter Henry Kobusch
Charles Clifford Kuh
Waan Wai Lau
Herbert DuBois Lent, jr.
Walter Scott David Levy
Ernest Abinun deLima
Henry Beaty Loos
Hamilton McCurdy Lufkin
Adolphus Fielding McClaine
Myra Bone McNicol
Gilbert Haven Mankin
Charled Hays Matson
Cordelia Mattice
Laurence Granville Meads
Margaret Grace Merriss
Colena Henrietta Michael
Helen Theresa Moakley
Agnes Anna Monteith
Harold Morrison
Merle Marion Mosier
Genevieve Rose Moulton
William Robert Murrin
Conrad Frederick Nagel, jr.
Helen Grace Nicholas
Louis Pepper
Heber Wallace Peters
Leon Alton Plumb
Lewette Beauchamp Pollock
Alfred Latimer Potter
Frederick William Rahr
Ralph David Reid
Albert Edward Renaud, jr.
Stephen Albert Repko
Robert Parker Reynolds
Harold Riegelman
George Henry Rogers
Edward Leonard Rosenfeld
Edward Kerr Roth
Louis Audenried Salade, jr.
Glendon Austin Schubert
William Seeman
Anna Margaret Seipp
Harold Leland Seymour
Arthur Moore Shelton
Robert Eric Sherlock
Edmund Duval Sickels
John Elgin Simonds
Bertha Hellen Simpson
Mary Adelaide Sisson
Madaline Louise Skeels
Douglas Alfred Smith
Jesse Sherwood Smith
Bernice Lee Spencer

Stoddard More Stevens, jr.
Austin Putnam Story
Albert Stover, jr.
Donald Pierpont Strahan
Edward duBois Stryker, jr.
Francis John Sullivan
Frank William Taft
Hugo Anthony Tassinari
George Boulton Thorp
Lelia Evelyn Tupper
Robert William Glenroie Vail

Kaufman Wallach
Howard Kelly Walter
Floyd Brownell Watson
Helen Weidemann
Milton Weinstein
Benjamin Harry Weisbrod
Elmer Kraus Weppner
Carroll Nunn Whitman
Louis Philip Wild
Dorothy Gay Wilson
Spencer Eames Young

David Wilfred Zurich

Bachelors of Chemistry

Joseph Charles Bender
J Allington Bridgman
James Henry Carpenter, A.B.
Howard Irving Cole
Ray Fenton Cone
Henry Joseph Conlin, A.B.
Merritt James Davis
William James Donnan
Clarence Lucius Dunham, A.B.
Carl John Engelder, A.B.

Archibald Mortimer Erskine
Morris Goldbaum
Nathaniel Joseph Goldsmith
Richard Greenwood
Carl George Kinscherf
William Robert Laird
Frank William McSparren
Randolph Joseph Roshirt
Clive Howard Sickmon
Russell Lowell Solomon

Charles Errol Vaughn

Bachelors of Laws

Howard Orville Babcock
Abraham Samuel Bordon
James Cook Bronner
Glenn Ludlow Buck
Taylor James Chamberlain
David Cohen
Edward James Daly
Allan Eugene Disinger
Harry Louis Drescher
John Edward Durkin
Charles Arthur Dutcher
Elmer Edward Finck
Stanley George Gordon
John Francis Greaney
Heber Emlyn Griffith, A.B.
John Ezra Hanagan
Harry Zelic Harris
Albert Homer Henderson
Burt Wilbur Hendrickson
Lambert Charles Hickey
Clarence Arthur Hornbeek, A.B.
Clifford Bernard Johnson

Dale Walter Kellogg
Coe Charles Lemnitzer
Nathaniel Lester
Edward Carey Mack
John Francis Maroney
Walter Booth James Mitchell
Theodore Valentine Meyer, jr.
Remsen Bleecker Ostrander, A.B.
George Burnett Overhiser
Frank Arthur Pierce
Gail Rafael Ponce
John Beaman Putnam
Jose de Calazanz Rivera
Remington Rogers
Harry Ernest Schirick
James Neil Senecal
Grattan Brundage Shults
Byron Lapham Swan
Erwin Charles Uhlein
Harry Squire Wilbur
Henry Darwin Williams
Howard Gilbert Wilson, A.B.

Bachelors of Science

Leslie Hyde Abell
Max Flavel Abell
Edna Elvira Alderman
Harry B Alger
Dudley Alleman
Howard Bushnell Allen
George Reiset Attridge
Leslie David France Baker
Thomas Alexander Baker
Harold Eugene Baldinger
Charles Herbert Ballou
Elisabeth Banks
Merrick Vickers Barnes
Manuel Joaquin Barrios, jr.
Harry Devoe Bauder
Smith Gains Beilby
Lawrence Julius Benson
Errol Stanley Bird
Edwin Gilbert Bishop
Fannie D Boone
Benjamin Bettis Bouknight, B.S.
Fayette Hinds Branch
Grace Chapman Bristol
Earl G Brougham
Edna Russell Brush
William Herschel Bullock

Lucia Sarah Burbank
Samuel Stockton Burdge
David Story Caldwell
Leslie Ellsworth Card
Edward Mattison Carman
Maurice Frederick Carr
Harold A Chadderdon
Harold Arthur Clarke
Richard Thomas Cotton
Albert Thompson Coumbe, jr.
Theodore Day Crippen
Oliver Frank Wolley Cromwell
Roger Haskell Cross
John Elting Cuddeback
Victor Adelbert Cummings
Floyd Nelson Darling
Harold E Denmark
Louis Dicker
Frederick B Dight
Mary Abell Doty
Eloise Dresser
Francis Henry Durkan
Jennette Evans
Edward Allen Everitt, jr.
William Karl von Fabrice
Laura Colvin Fish

Garnet Wesley Forster
 William George Frisbie
 John Root Frone, A.B.
 Harry Nathaniel Gellert
 Joseph Edwin Godfrey
 Richard Edwin Grant
 Thomas Maurice Gray
 Ralph Waldo Green
 Morris Henry Grossman
 Cedric Hay Guise
 Harold Lomor Hanford
 Lew Ellsworth Harvey
 Roy Newman Harvey
 Lewis Beardsley Hendershot
 Israel Horwitz
 Harrison Douglas House
 Harrold Kibbee Hovey
 Leon Gardner Howell
 Shien sung Hu
 Ray Huey
 Ray Cook Hulbert
 Loring Leslie Hull
 William Augustus Hutchison
 Simon Bertrand Jacobson
 Raymond Rowland Jansen
 Kenneth Harra Johnson
 Ray Richmond Johnson
 Frederick Brewster Kann
 Mary Agnes Keane
 Katharine Josephine Keating
 John Carper Keplinger
 Harold Francis Keyes
 Frances Kilbourne
 John Donald Kling
 Herman Clyde Kandel
 Seu Zung Kwauk
 John Donald Lamont
 Crawford Lasher
 Hamilton Dudley Lawles
 John Landon Laycock
 Sidney Charles Leete
 Harold A D Leggett
 Walter Haslam Lewthwaite
 Robert Kellogg Lloyd
 Alexander Lurie
 Edith Helena MacArthur
 William Joseph McCarthy
 James Edward McGolrick
 Simon Marcovitch
 Mark Emerson Maxon
 Yervant Maxudian
 Katherine Hobart Mills
 Lua Alice Minns
 Lawrence John Motyca

William Irving Myers
 Isaac Neuwirth
 Mary Louise Newman
 Sarah Alice Nicholson
 Claribel Nye
 Charles Henry Ott, jr.
 Elmer Grant Perl
 Burleigh Names Phelps
 Guy Lockhart Philp
 Jacob John Pollock
 Robert Poultney
 Montgomery Robinson, Litt.B.
 Sturgis Mardenborough Robinson
 Francis Elton Rogers
 Gamaliel Sanford Rose
 Harry Henry Rosenberg
 Jean Rudio
 Ralph Irving Scoville
 Earl Signor Shaw
 Charlotte Tilden Sherman
 Robert Charles Shoemaker
 Julius Smith, A.B.
 Elmer Snyder
 Henry Bake Steer
 Carl Waldemar Strauss
 John Judson Swift
 Isak William Tamor
 Harry Van Taylor
 John Robert Teall
 Nai Tee
 Herbert Albert Thompson
 Natalie Brookes Thompson
 Samuel Mable Thomson
 Charles Welch Thornell
 Leonard Carr Treman
 Samuel Gibson Updegraff, jr.
 William Hazlett Upson
 Ernest Van Atta
 John Crothers Vanatta, jr. B.S. in C.E.
 Andrew Van Benschoten
 Harold Wellington Walker
 Robert Bruce Wallace
 In Tso Wang
 Francis West Wardle
 Stanley Hedrick Watson
 John Gerow Wilkin
 Meredith Chester Wilson
 Bernard Wiseltier
 John Sellman Woollen
 Clare Corby Woolston
 Charles Arthur Wright
 Mary Evalena Wright
 Ira DeWitt Yoder
 Carl Luther Zinssmeister

Bachelors of Science in Agriculture

Leon Emory Cook, A.B.
 Nicholas Kopeloff, B.S.
 Myron Edward Krueger, B.S.

James Lyons
 Wade Elzie MacDonald
 Lewis Hypolite Martin, B.A.
 Harold Deane Phillips, A.B.

Doctors of Veterinary Medicine

David Boice Allen
 John Dewit Andrews
 Harrison Vedder Baker
 James Schuyler Carnrite
 Joseph Stanley Clark
 Harold Clarke
 Alfred Freer Deal
 Stanley Louis Dean
 Raymond Edgar Dederick
 David Francis Deming
 Harry William Eggleston
 Clyde Armstrong Gardner
 Maurice Earl Gardner
 Samuel Alexander Goldberg
 Frank Henry Haner
 James Augustine Harris

Roy Charles Hartman
 Charles Ernest Hayden, A.B.
 Charles Francis Hill
 Ivan Goodwin Howe
 Floyd Thomas James
 Howard Eckler Johnson
 Milton Moot Leonard
 Vernon Lyon
 Harry Charles McCartney, V.S. M.D.C.
 Lynn Howard Mead
 Ralph Roy Moulthrop
 Benjamin Frank Murray
 Alfred Oberle
 Leo Price
 Alfred Savage, B.S.A.
 Fred Henry Schaefer

Garrie Archie Singleton
Charles Bailey Skinner
Arthur Lewis Smith
Franklin DuBois Smith
Edward R Steel
William Henry Sumner
Hobart Warren Tillson

Herbert George Vann
Joseph J Vara
Clarence Wentworth Webber
Floyd Ephram Wilson
Raymond Winters
Lewis Horatio Wright
Ray Sedric Youmans

Frank Pierce Zuber

Bachelors of Architecture

Adie Kyle Bell
Carmi William Bisnett
Frank Edward Bowers
Raymond LaVerne Burns
Rolane E Coate
Norris Ingersoll Crandall

Herman Goulding Curtis
Albert Philip Dippold
Stanley Bruce Elwell
Raymond Lyle Kaiper
George Wallace Ramsey
William George Rubinow

Clarence Wakefield Worcester

Civil Engineers

Myron Asher Allen
William Covert Anderson
Robert James Auld
John Samuel Bailey
Ethan Frank Ball
William Henry Baugher
Carlos French Bidgood
Albert Morse Bowles
Jose Bracho, C.E.
Burton Wells Brodt
Landon Mayes Brooks
Roy Dayton Burdick
Clifford Jeremy Burnham
James Thomas Burton
Harry Guy Campbell
John Blake Campbell, B.S.
Richard Brock Carson
George Amasa Chase, jr.
John Griffen Carlisle Christie
Otho Myron Clark
Philip Thayer Coffey
Frederic Warren Conant
Douglas Alfred Dalton
William Eugene Dickinson
James Adam Dittrich
Albert Charles Dunn
Arthur Carl Ehrlich
Oscar Roelif Elting
Harry James Feehan
Arthur Maxwell Field
Charles Henry Fowler
Benjamin Goodman
Earle Winthrop Hall
David Harvey Ham
Willis Howard Hanchett
Linton Hart
Robert Winter Hendry
Frank Herrmann
Paul Loveridge Heslop
Laurence Cooper Hough
Joseph Alexander Wilson Iglehart
Milton Jaret, A.B.
DaYong Key
Frederick Martin Kipp, jr.
Charles Kirschner
Chin-Yuk Leung, C.E.

Yuen Chang Loh
Van Wyck Wickes Loomis
Walter Cox McCrone
Edwin Thomas McDowell
Austin Gerald McHugh
Neil Cook McMath
Edward James Mershon
August Bernard Meyer
Harold Alexander Mossman
Thomas Thornton Newbold
George Lloyd Nickerson
David Oettinger
Blinn Stevens Page
Edward Culloden Pantan
Ralph Warren Perkins
John March Phillips
Herbert Bowman Pope
Lewis Richardson Puffer
Edmond Urquhart Ragland, B.S.
Arthur Magill Randolph
William Maxwell Reck
Albert Stephen Regula
Albert Raymond Reilly
George Gates Robinson
Fay Lester Rockwell
Louis Arthur Rodenhiser, A.B.
James Wynbourne Routh
Edward Thompson Rummele
Thorp Derickson Sawyer
Harry Schindler
Christian Schwartz
Benjamin LeCompte Smith
Edward Ray Stapley
Richard Elvin Jewell Summers
William Forster Summers
Ewing Thompson
Karl Fuller Thompson
Willard Wilson Troxell
Charles M Weber, B.S. in C.E.
Adrian Kennedy Webster
Victor Herman Werner, A.B.
Paul Trevett Wheeler
Charles Smith Whitney
William Nelligan Whitney
Harold Barnard Wright
William John Zabel

Louis Isaac Zagoren

Mechanical Engineers

Frank Farnam Abbott
Walter Ernest Addicks
Donald Alexander
John Beach Allington
Henry Hamilton Allport
Rufo Francisco Apesche
Juan Luis Enrique Armas
Benjamin Franklin Armstrong
Paul Parrish Ashworth
Albert Thomas Avery

Charles Philip Bartgis
Charles Kingman Bassett
Jorge Batista y Mendoza, A.B.
Myron Fred Beardsley
Edward Benjamin Billings, jr.
George Walther Black
Charles Fairman Blakslee
Thomas Isaac Slack Boak
Walter Read Boyd, B.S., M.E.
Leo Joseph Brennan

- Roger Stuart Brown
 Charles Sanford Burlingham, jr.
 Leland Frank Burnham
 Joseph Gregory Callahan
 George Earle Chase
 Ye Tsau Chen
 Jen Chow
 Charles John Christesen
 Fu Shi Chun
 Harry George Cisin
 Anson Luman Clark
 Robert Lewis Clause
 Walter Frank Clayton, jr.
 Donald Remer Comstock
 William Ray Culbertson
 Roscoe Earle Curtis
 Roland Bigelow Daley
 William Harold Davidson
 Adam Clarke Davis, jr.
 Alexander Philips Davis
 Edwin Scott Dawson
 Alfred Champney Day
 Edgar Hutton Dix, jr.
 Robert Starrs Aloysius Dougherty
 George Ross Douglas
 Frederick Downs
 Leo Augustine Dunbar
 Charles Frederic Dye
 Robert Lovejoy Eastman
 Lawrence Eddy
 Harold Edwards
 John Harold Edwards
 Weightman Edwards
 Harold Hornbeck Elmendorf
 Lawton Brayton Evans, jr., B.S., M.E.
 Mason Evans, jr.
 George Bernays Fisher
 Orin Wallace Fisher
 Arie Fitch
 John Rossiter Fizer
 Stuart Maurice Ford
 William David Frayne
 Adolph Andrew Gazda
 William Albert Gibson, A.B.
 Daniel Hoyt Gleason
 Walter August Goertz
 Benjamin Paul Goldman
 Everett Pusey Gooch
 Alfred Clark Grayson
 Everett Sidney Greer
 Bruce Fulton Grimm
 Richard Arthur Groos
 Philip William Gross
 Frederic Perry Hall, jr.
 Simon Halle
 Samuel Russell Halley
 Gilbert Coutant Halsted, jr.
 Alexander Tillison Hayes
 Frederick William Heisley
 Seymour Isaac Hess
 Frank H Hibbard
 Charles Rembert Hodges
 Carl Lewis Hoera
 Coy Claude Hogg
 Stephen Sutton Horton
 Ralph Sawyer Howe
 John Blauvelt Howell
 Frank Wellington Hoyt
 Hosea Dexter Hyland
 William Henry Kasper
 Alexander William Keller
 Philip James Kent
 James Lyle Kerr
 Nathaniel Morris Kerr
 Harold Slada Kinsley
 George Oswald Kuhlke
 Charles William Lake
 James Lefferts Landt
 Ramsdell Stanton Lasher
 Samuel Sturgis Lawler
 Warren Kohlhaas Lee
 Boudinot Stockton Loney, jr.
 Frederic Colt Loomis
 William Edward Lundgren
 Malcolm Monroe McHose
 John Harmon McIlvaine
 Roderick Kenneth Mackenzie
 Maurice Rey McMicken
 Harold Baker Merz
 James Gilbert Miller
 James Moffatt
 John James Munns
 James Austin Myrick
 Tetsushiro Nakamigawa
 John Clemence Nulsen
 Leo Adolph Oppenheimer
 Clebron Wood Palmer
 MacRea Parker
 John Faxon Passmore
 Jose Raul Perez
 Wendell Edgar Phillips
 Samuel Austin Pope
 Luis Angel de Porrata-Doria
 Milton Jerome Powell
 Russell Boyd Pratt
 Ward Ely Pratt
 John Prince
 Robert Videtto Proctor
 Seelye Munn Quackenbush
 John Fiske Raynolds
 Arthur Frithjoff Rees, jr.
 Jesse Lenhart Reese
 Anselmo Ochoa de Retana
 Christian Herman Reumann
 Gordon Dudley Robinson
 Kinsey Robinson
 Harold Livermore Roehrig
 James Russel Roof
 Mabon Powell Roper
 James Gordon Rowe, jr.
 Fletcher Eugene Royston
 Louis Salmow
 Septimio Cesareo Sardina y Segrera, A.B.
 Albert Lawrence Schoff
 Alvin Charles Schrader
 Edward Joseph Schroeter
 Warren Randolph Scott
 Willis Shackelford, B.S. in M.E.
 Nye Shen
 Harold Ward Sibert
 Samuel Simon
 Charles Harbaugh Watt Smith
 Brower Cox Spransy
 Alvan Huey Stack
 David Vinton Stahl
 Charles Bowman Starr
 Harold Wait Stevens
 John Wesley Stewart
 Arthur Louis Stockstrom
 Mead Wilmer Stone
 Robert Allen Swalm
 Elbert Aldrich Taylor
 Charles John Tehle
 Curtis Verburg TerKuile
 Harold Julian Thompson
 Uldric Thompson, jr.
 Lynn Byron Timmerman
 Arthur Frederick Cleveland Toussaint
 Thomas Stevens Towle, A.B.
 Edwin Summers Truesdell, jr.
 Mong Kang Ts'en
 Harry Oscar Underhill
 Daniel Fitzgerald Vanderlyn
 Charles Redfield Vose
 Henry Nazer Wade
 John Carlton Ward, jr.
 Morgan Washburn, jr.
 Edward Fisk Watson
 Abraham Bernard Weinberger
 Richard Mather Weiser

Samuel Knowlton Wellman
Arthur Stanton Wells
Horatio Quincy Wheeler
Paul Williams

George Morrison Williamson
Eugene Lewis Wolfe
Charles Yahn
William Howard Zabriskie
Kenneth Gladstone Zeiger

ADVANCED DEGREES

Masters of Arts

- William Pond Barber, jr., B.S.: Divergencies in Mortality Tables.
Morris Gilbert Bishop, A.B.: A Study of the Poetry of Jose-Maria de Heredia.
Lewis Henry Boulter, A.B.: Middleton's "A Chaste Mayd in Cheape-side".
Christine Faye Chapman, B.A.: The Influence of Certain Organic Substances upon Rate of Starch Digestion by Various Fungi.
Mary Alice Colpitts, B.A.: The Maximum Index of Plane Sextic Curves.
Caroline Louise Cook, B.A.: Thomas Heywood's "The Fair Maid of the West", Part I.
Laura Gunn Davey, A.B.: The Mean Depth of Formation of X-Rays in a Platinum Target.
Henry Kennedy Davis, A.B.: A Statistical Study of the Thoracic Duct in Man.
Norman Bruce Davis, B.Sc.: A Review of the Theories of the Plasticity of Clays.
Agnes Anna Monteith Dougherty, A.B.: A Nuremberg Chronicle of the Sixteenth Century.
Paul DeMund Evans, A.B.: The Welsh in Oneida County, New York.
Merton Jerome Hubert, A.B.: The English Influences on the Poetry of Saint-Beuve.
John Joseph Klein, A.B.: Die Behandlung der Jugendschriftenfrage in Deutschland.
Lawrence Michael McDermott, A.B.: Commerce of the Philippine Islands, its History and Development.
Georgina Melville, A.B.: An Introduction to the Ecclesiastical Sonnets of Wordsworth, with Notes on the First Fifteen.
Nathan Menderson, B.A.: Studies of the Heredity of *Raphanus sativus*.
Earl Max Pickens, V.D.M.: The Determination of Anthrax by the Thermo-Precipitation Reaction.
Lucie Vaughan Reichenbach, A.B.: The Use of History in Victor Hugo's "Cromwell".
Else Mathilde Saleski, A.B.: Paul Eber and His "Calendarium Historicum": A Study of an Annotated Copy.
George Goewey Saunders, A.B.: Methods of Measuring the Frequency of Alternating Currents.
James Storrer, A.B.: The Occurrence, Origin, and Distribution of Tungsten.
Frances Alice Whaley, A.B.: A New Volumetric Method for the Determination of Nickel in Steel.
Elias Root Beadle Willis, A.B.: Horace's Relations to Maecenas and Augustus as Illustrated by His Writings.
Parkin Wong, A.B.: The Mineral Resources of China.

Masters of Science in Agriculture

- Elmer Bruce Brunson, B.S.: The Cost Accounts of Four New York Farms.
Andrew Jackson Dadisman, B.S. in Agr.: Study of Labor in Crop Production in West Virginia.
Charles Edwin Dimon, B.S.: A Study of the Lima Bean.
Ellis Vialle King Dwinelle, B.S.: The Cost Account for One Year on a New York General Farm.
Leonard Frederick Gieseker, B.Sc.: A Comparison of the Relative Toxicity of Certain Substances in Soil and Water Cultures.
Alfred Carl Hottes, B.S.: The Garden Gladiolus: Its Botany, Breeding, and Cultivation.
J Shirley Jones, B.S.: An Investigation of the Properties of an Unproductive Soil.
Olney Brown Kent, B.S.: A Survey of the Poultry Interests in Ithaca and the State of New York.
Frank Waldo Lathrop, B.A.: A Study of Connecticut Counties Based upon the Census of 1910.
William Southworth, B.S.A.: A Study of the Hybridization of *Medicago sativa* L. and *Medicago lupulina* L.
Rupert Lyonel Stewart, B.S. in Agr.: A Study of the Labor Incomes of Typical Counties in Various Sections of the United States with Special Reference to Rainfall and to Distance from Market.

Master in Forestry

- Clarence Scofield Hahn, B.S.: The Valuation of Forest and Pasture Land.

Masters in Landscape Design

- Edward Godfrey Lawson, B.S.: The Design for a Residential Property in the Italian Style.
Gertrude Ahlborn Marvin, B.S.: A Design for a Residential Property: the Colonial Development of an Old Site.

Masters of Mechanical Engineering

- Alan Estis Flowers, M.E.: Cylinder Friction and Lubrication.
John Behny Grumbein, B.S.M.E.: Investigation of the Venturi Tube Steam Meter.
Marshall McKinley Koch, M.E.: Theoretical Carburetor Design.
Frederick George Switzer, M.E.: Alternating-Current Commutator Motors.
David Spencer Wegg, jr., M.E.: The Cost of Power.
Leroy Alonzo Wilson, M.E.: Friction of Air in Pipes and Elbows.

Masters of Civil Engineering

- Nathan Washington Dougherty, B.S. in C.E., C.E.: An Investigation of the Comparative Stability and Cost of Various Types of Dams.
 Henry Rupert John Meyer, B.S., M.S., C.E.: Weirs with Shallow Approach Channels.
 Russell Alva See, B.S. in C.E.: Weirs with Shallow Approach Channels.

Master of Architecture

- John Neal Tilton, jr., B.Arch.: Thesis not required.

Doctors of Philosophy

- Paul Johnson Anderson, A.B.: The Morphology and Life History of the Chestnut Blight Fungus
 Anna Violet Barbour, A.B., A.M.: Sir Henry Bennet, First Earl of Arlington.
 Nann Clark Barr, A.B., A.M.: Elements from the Eighteenth and the Nineteenth Century in the Philosophy of John Stuart Mill.
 Earl Whitney Benjamin, B.S. in Agr., M.S. in Agr.: A Study of the Variation and Inheritance of the Size, Shape, and Color of Eggs.
 Charles Clarence Bidwell, A.B.: A Comparison of Actual and Black-Body-Temperatures.
 Forest Milo Blodgett, B.S. in Agr.: Perithecial Development of *Sphaerotheca humuli*.
 Edwin Garrigue Boring, M.E., M.A.: The Sensations of the Alimentary Canal.
 Oliver Ellsworth Buckley, B.Sc.: The Hall Effect and Allied Phenomena in Silicon.
 Robert Wilbur Burgess, A.B., B.A.: The Uniform Motion of a Sphere Through a Viscous Liquid.
 Wheeler Pedlar Davey, A.B., M.S.: The Factors Which Determine the Quantity of Roentgen Radiation given off by an X-Ray Tube.
 Jehiel Davidson, B.S. in Agr.: A Comparative study of the Effect of Cumarin and Vanillin on Wheat Grown in Soil, Sand, and Water Cultures.
 Roland Parker Davis, B.S., M.C.E.: Foundations for Bridges and Buildings.
 Albert Watson Davison, B.S., M.A.: Electrolytic Deposition of Brass on a Rotating Cathode.
 Mabel Axcy Dominick, A.B., A.M.: Studies in the Lyrics of Detlev von Liliencron.
 John Frederick Howard Douglas, B.S.: The Reluctance of Some Irregular Magnetic Fields.
 Gail J Fink, A.B.: The P, T, X Diagrams of the Systems Ammonium Chloride-Ammonia, and Copper Sulphate-Ammonia.
 Mabel Ensworth Goudge, B.A., A.M.: On Certain Tactual Illusions.
 Charles Truman Gregory, B.S. in Agr.: The Downy Mildew Disease of Grapes.
 Lexemuel Ray Hesler, A.B.: Black-Rot, Leaf-Spot, and Canker of Pomaceous Fruits.
 Robert Andrew Jehle, B.S.A., M.S.A.: Brown Rot of Orchard Fruits.
 Alfred Erwin Livingston, B.S., M.S.: The Effect of Castration on the Weight of the Pituitary Body and other Glands of Internal Secretion in the Rabbit.
 Mildred Sherwood MacArthur, A.B., A.M.: The German Element in Colorado.
 Edwin Charles Mayer, A.B., A.M.: The Diffusion of Gases Through the Walls of Glass and Quartz Tubes.
 Emmeline Moore, A.B., M.A.: Potamogetons in Relation to Pond Culture.
 Jay Arthur Myers, B.S., M.S.: Studies on the Syrix of *Gallus domesticus*.
 William Howard Rankin, A.B.: Field Studies on the Endothia Canker of Chestnut in New York State.
 Harold Lyle Reed, A.B.: The Development of a Qualified Gold Exchange Standard in India.
 Fred Hoffmann Rhodes, A.B.: The Fractional Crystallization of the Picrates of the Rare Earths of the Didymium Group.
 Frank Elmore Rice, A.B.: Studies on the Action of Erepins.
 Maud Miriam Sheldon, A.B.: Paeania, the Deme of Demosthenes.
 Clarence McKinlay Sherwood, A.B.: A Study of Stoke's Neutral Red Reaction as Applied to the Sanitary Examination of Water.
 Lucy Wright Smith, B.A., A.M.: Studies of North American Plecoptera (Pteronarcinae and Perlodini).
 Ruby Green Smith, A.B., A.M.: The Evolution of the Venation in the Anal Area of the Wings of Insects.
 Anna Helen Tappan, A.B., A.M.: Plane Sextic Curves Invariant under Birational Transformation.
 Mary Rebecca Thayer, A.B., A.M.: The Influence of Horace in the Chief English Poets of the Nineteenth Century.
 Alma Rosa Thorne, A.B.: The Conception of *Idée-Force* in the Philosophy of Alfred Fouillée.
 John Raymond Tuttle, A.B.: The Method of Evolution in the Ethics of Herbert Spencer.
 Harry Boyer Weiser, B.A., M.A.: Flame Reactions.
 George Frederick Zook, A.B., A.M.: The History of the Royal African Company, 1672-1713.

Doctors of Medicine

[Conferred June 11th, 1914, at the Sixteenth Annual Commencement of the Medical College in New York City.]

- | | |
|-------------------------------------|----------------------------------|
| David Preswick Barr, A.B. | William Donald Rolph, A.B. |
| Alfred Kelley Bates, A.B. | Isadore Rosen, A.B. |
| Smiley Blanton, B.S. | Robert Joseph Shea, A.B., A.M. |
| Jack Verne Bohrer, B.S. | Benjamin James Slater, B.S. |
| Anne Eunice Cochran, A.B. | Max Soletsky, A.B. |
| Joseph Harkavy, A.B. | Philip Moen Stimson, A.B. |
| James William McChesney, A.B. | William Herman Sugerman, B.S. |
| John Harold Morris, A.B. | Anna Tjomsland, A.B. |
| John Henry Nugent, A.B. | May Elizabeth Walker, B.L. |
| Helen Letitia Pallister, B.A., A.M. | Geraldine Eggleston Watson, A.B. |

DEGREES CONFERRED SEPTEMBER 23, 1914

Bachelors of Arts

Blanche Piper Balliet
Mildred Clark
Chung Ming Ho

Frederick Edgar Odell
Eliot Congdon Smith
Olive Cutler Wing

Bachelor of Chemistry

Nai Kim Bee

Bachelors of Laws

Thomas Albert Cookingham

Armin William Hyde

Bachelors of Science

Isadore Ansen
Carlos Manuel Bastidas
Roland Franklin Buckman
Thomas J Conway
Archie Byron Dann
Arnold Eaton Davis
Israel Goldfarb
Frank Shaver Hamnett

Norman Earl Kohn
Bernabe Malvar
Werner Frederick Reith
Donald Ballard Rice
Maurice Earle Rogers
Nai Nab Salakshana
Allan Chester Thayer
Henry Wiseltier

Bachelors of Architecture

Theodore Steffe Maerker

Martha Elizabeth Simmons

Civil Engineers

Manuel Concepcion-y-Sanagustin
John McLaughlin Demarest
Donald Power Denham
Aloysius Austin Fahey
Jose Garrido-y-Saiz

Emory Wilson Lane
Ralph Waterbury Powell
Samuel Schwartz
Antonio Carlos Paula Souza
Guy Frank Whitney

Mechanical Engineers

Harold Camerden Halsted
Charles Allen Bierma

Donald Mack Dewey
James Evan Mills
Warren Packard

Masters of Arts

Henry Chalmers, A.B. 1914: The American Immigrant: A Force of Modern Progress.
Albert Francis Coutant, B.S.: The Habits, Life History and Structure of a Blood-sucking Muscid Larva.
Samuel Kirkwood Cunningham, B.A.: Transverse Coefficients of Expansion of Wires by the Interference Method.
Abigail Margaret Kincaid, A.B.: Diurnal Variation in Auditory Reaction.

Masters of Science in Agriculture

Elizabeth Faith Genung, B.S. in Agr.: A Study of Bacteria Causing Fermentations in Canned Vegetables.
Henry William Schneck, B.S. in Agr.: The Relation of Vigor in Plants to Parasitic Diseases.

Doctors of Philosophy

Elmer Eugene Barker, A.B.: Heredity Studies in the Morning Glory (*Impomea purpurea*).
Harry Philip Brown, A.B., A.M.: Growth Studies in Forest Trees.
Ralph John Gilmore, A.B., M.A.: Variation in the Attachment of the Pelvic Girdle in *Diemictylus*, *Viridescens*, *Rafinesque*.
Frank Holt, A.B.: Goethes Satyros, Shakespeare und die Biebel.
Carleton Friend Miller, B.S.: Electrolysis of Certain Organic Salts in Liquid Ammonia.
Joseph Rosenbaum, Ph.B.: On Mixed Linear Integral Equations over a Two Dimensional Region.
Arthur Lee Thompson, B.S. in Agr., M.S. in Agr.: The Cost of Producing Milk on 174 Farms in Delaware County, New York.
James Kenneth Wilson, B.S.: Physiological Studies of *Bacillus radicolica* of Soy Bean (*Sojus max Piper*) and of Factors Influencing Nodule Production.

CERTIFICATES AND PRIZES

The following certificates and prizes were awarded by the Faculties during the academic year 1913-14:

Certificates for Proficiency in Military Science:

Colonel Lawrence Granville Meads
Major Ralph James Gingrich
Major Richard Elvin Jewell Summers
Major Frank Harold Burton
Captain Walter Frank Clayton, jr.

First Lieutenant Lawrence C Hough
First Lieutenant Jesse Sherwood Smith
First Lieutenant John Landon Laycock
First Sergeant Allan Eugene Disinger

The Sibley Prizes in Mechanic Arts:

First Prize.....Fred Harold Wiley
Second Prize.....Walter Ernest Addicks
Third Prize.....Henry Nazer Wade
Fourth Prize.....John Clemence Nulsen
Fifth Prize.....Charles Frederic Dye

The Horace K. White Prizes (Veterinary College):

First Prize.....Alfred Savage
Second Prize.....Joseph Stanley Clark

The Woodford Prize in Oratory.....Harold Riegelman

The Eighty-Six Memorial Prize in Declamation.....William Dorsett Smith

The Ninety-Four Memorial Prize in Debate:.....William Dorsett Smith

The Guilford Essay Prize:.....Ernest Abinum deLima

The Barnes Shakespeare Prize:.....Colena Henrietta Michael

The Corson Browning Prize:.....Suh Hu

The Clifton Beckwith Brown Memorial Medals in Architecture:

First Prize.....Stanley Bruce Elwell
Second Prize.....Roland E Coate

The Fuertes Medals:

Graduate.....Weston Earl Fuller
Undergraduate.....Louis Isaac Zagoren

The Eastman Prizes for Public Speaking:

First Prize.....Bernard William Shaper
Second Prize.....John Judson Swift

The Frances Sampson Fine Arts Prize:.....Richard Edwin Grant

Jane Miller Prize, Veterinary Physiology:

First Prize.....Harry Peter Bonnikson
Second Prize.....Peter Theodore Peterson

Lora C. Schroeder Prize (Veterinary College):.....Floyd Thomas James

James Gordon Bennett Prize (Veterinary College):.....Ralph Roy Moulthrop

The Fuertes Memorial Prize in Public Speaking:

First Prize.....Herbert Bowman Pope
Second Prize.....Benjamin Paul Goldman

The Corson French Prize:.....Grace Florence Marcus

Sherman-Bennett Prize:.....Seth Victorius Elting

J. T. Morrison Prize:.....Paul Berwig Schumm

The Luana L. Messenger Memorial Prize:.....Henry Chalmers

The Stewart Prize:

First Prize.....Isaac Newton Voorhees
Second Prize.....Smith Gains Beilby
Third Prize.....Errol Stanley Bird
Fourth Prize.....William Cyrus Litchfield

The Graduate Prize in Philosophy:.....Nann Clark Barr

The George Caldwell Prize in Chemistry.....Allington Bridgman

Charles Goodwin Sands Memorial Medal:

First Medal John Neal Tilton, jr

The John Metcalfe Polk Memorial Prizes (Medical College):

First Prize Helen Letita Palliser

Second Prize Philip Moen Stimson

Third Prize Robert Joseph Shea

The Whiting Otology Prizes (Medical College):

First Prize Philip Moen Stimson

Second Prize Robert Joseph Shea

STUDENTS IN RESIDENCE, DECEMBER 1, 1914

Abbreviations. The colleges are designated in the list of students as follows: Arts and Sciences, A; Agriculture, Ag; Architecture, Ar; Civil Engineering, C; Law, L; Mechanical Engineering, M; Medical, M.D.; Veterinary, V. Graduate Students are indicated by Grad.; Special Students by Spec. The number e. g. "1915", "1916", etc., indicates the year of expected graduation.

Abbey, Archibald Souter	1917 L	Ithaca
Abbott, Clark Daniel	1916 C	Newtonville, Mass.
Abbott, John	1917 Ag	Galveston, Texas
Abbott, Margery Clyde	1918 Ag	East Aurora
Abbott, Robert Duane	1916 A (Chem)	Elmira
Abbott, Sara Dukehart	1918 Ag	Baltimore, Md.
Abbuhl, Elizabeth May	1917 Ag	Greene
Abeel, George Albert	1915 Ag	Syracuse
Abel, DeForest Williams	1915 L	Ithaca
Abel, Emanuel	1919 M	New York City
Abel, Paul Louis	1917 A	Buffalo
Abelow, Solomon	1916 Ag	Brooklyn
Abelson, Arthur Isador	1916 L	Utica
Aborn, Benjamin, 2d.	1918 Ag	Amagansett
Abramson, Charles	1917 L	Bayonne, N. J.
Acer, Victor Adna	1915 Ag	Medina
Acheson, Alexander Glencairn	1917 Ar	Yonkers
Acker, Ernest Reynolds	1917 M	Ossining
Ackerknecht, Clarence Ferdinand	1917 A	Johnstown
Ackerman, Albert Mott	1916 M	San Diego, Cal.
Ackerman, James Pierson	1918 A	Edmeston
Adair, Hebe t Johnson	1915 L	Portland, Ind.
Adams, Helen Lurinda	1917 Ag	Holcomb
Adams, Huldah Ellen	1917 A	Silver Bay
Adams, Samuel Kuykendall	1916 A	Summitville
Adamson, George Dent	1918 Ag	Manassas, Va.
Addams, William, jr.	1917 C	Cynthiana, Ky.
Adelson, Charles Robert	1915 C	New York City
Adrian, Wm. Allen, jr.	1918 Ar	New York City
Adrianzen, Javier Segundo, A.B., Pd.B.	1915 Ar	Chiclayo, Peru
Aguilera, Antonio Bernabe	1915 M	Camaguey, Cuba
Ahlberg, Arthur Otto	Spec Ar	Denver, Colo.
Aierstok, Leonard Gutekunst	1917 L	Newark, N. J.
Aierstok, William Matthias	1918 A (Chem)	Newark, N. J.
Aikin, Arthur Coldren	1918 Ag	Sanborn
Ainsworth, Oliver Morley	1915 Ag	Campbell
Akers, Gardner	1918 Ag	Cleveland, O.
Alber, Frederick Gustav	1916 Ag	Binghamton
Alberger, Franklin Augustus	1916 L	Ithaca
Albertson, Mary Susan	1917 Ag	Delaware, N. J.
Albro, Homer Bodman	1917 A	Oak Park, Ill.
Alexander, Christine, A.B.	Grad	Maryville, Tenn.
Alexander, Charles Paul, B.S.	Grad	Gloversville
Alexander, Ivan Grant	1916 L	Marathon
Alexander, James Ritchie, jr.	1918 A (Chem)	Brooklyn
Alexenzer, Samuel Louis	1916 Ag	New York City
Alfke, Frederick Henry (1918 M)	1918 Ag	New York City
Algase, Abraham	1918 Ag	New York City
Allbright, John Glover	1917 M	Chicago, Ill.
Allen, Albert Gillis	1916 Ag	Salisbury, Md.
Allen, Arthur Alonzo	1916 Ag	Rock Stream
Allen, Burke Fowler	1916 Ag	Elma Center
Allen, Byron Augustus	1917 Ag	Sprakers
Allen, Charles Ethan, A.B.	Grad	Orleans, Ind.
Allen, Charles Loring	1916 A	Brodhead
Allen, Don Clinton	1916 L	Ovid
Allen, George Raymond	1916 A	Plattsburgh
Allen, Hilda Wood, A.B., A.M.	1916 M.D. (N. Y. C.)	New York City
Allen, James Henry	1915 V	Salt Point
Allen, John Harris, jr.	1916 C	Orange, N. J.
Allen, Leonard Eugene	1918 Ag	Adams Basin
Allen, Leon Lansing	Spec Ag	Honeoye
Allen, Ray Crane	1917 Ag	Corning
Allen, Reginald Holcomb	1918 Ag	Ithaca
Allen, William Seabury	1917 M	Davenport, Iowa
Alley, William Robert Clements	1916 A	Monticello
Allis, Selden Pierson	1918 M	Macedon
Allison, Charles Brush	1916 Ag	Malone
Allison, Malcolm Graeme	1916 M	New York City

- Allman, Adrian Paul 1918 A
 Allman, Druard Nunez 1915 Ag
 Alsop, John Henry, jr. 1915 L
 Alspach, Evelyn Marguerite 1915 A
 Altman, Henry, jr. 1915 L
 Altman, Irving Edward 1916 V
 Altschul, Alexander, B.S. 1916 M.D. (N. Y. C.)
 Altschuler, Jacob 1916 Ar
 Alvord, Katharine Sprague, A.B., M.A. Grad
 Alward, Elizabeth 1918 Ag
 Ames, Freda Corrine 1918 Ag
 Amory, George Sullivan 1916 A
 Amos, Thomas Henry, jr. 1916 A
 Anderegg, John Swift, A.B. 1918 M
 Andersen, Albert Gardner 1918 Ag
 Anderson, Edward Ewen 1917 A
 Anderson, Elam Jonathan, A.B. Grad
 Anderson, Gilbert Valentine 1915 M
 Anderson, Lola 1917 Ag
 Anderson, Marcus May, B.Sc. (1916 C) 1916 Ag
 Anderson, Robert Alexander 1916 M
 Anderson, William Henry Locke 1917 C
 Andrae, William Cook 1915 M
 Andrews, Harry Samuel 1915 C
 Andrews, James Ward 1917 A
 Andrews, Leroy Littell 1915 Ag
 Andrews, William Alexander 1917 A
 Andrus, Cowles 1916 A
 Andrus, Lowell LaGrange 1915 Ag
 Angell, Stanley Jewett 1918 Ag
 Angus, Albert Stuart 1918 A
 Anneke, Victor Harold 1917 A (Chem)
 Annexy, Jaime, jr. 1916 M
 Antell, Henrik 1917 A
 Apgar, Clara Selkreg A.B., Grad
 Antell, Morris 1917 Ag
 Arbuckle, Donald 1915 M
 Archibald, Norman Silas 1917 C
 Ardell, Judson Warren 1916 V
 Armas, Aquiles 1917 Ag
 Armington, Ralph Stanley Spec L
 Armstrong, Albert Malcolm (1917 C) 1917 M
 Armstrong, Ellen Baxter 1915 A
 Armstrong, Lawrence Robert 1918 A
 Armstrong, Stowell William 1916 A
 Arnett, Ross Harold 1917 V
 Arnold, Anne Parker 1918 A
 Arnold, John Fletcher 1916 V
 Arnold, Lawrence Moss 1918 A
 Arnsfield, Samuel Raymond 1918 A (Chem)
 Aronson, Julia 1917 Ag
 Aronstam, Joseph 1917 Ag
 Artman, William Arthur 1915 Ag
 Ashley, Dorothy 1918 Ag
 Ashmead, Joseph Crandell 1916 A (Chem)
 Ashmead, Walter Kittera 1915 M
 Ashwood, Jack 1917 A (Chem)
 Ashworth, Paul Parrish, M.E. Grad
 Astor, Hyman 1916 A
 Atkins, Bernard 1918 Ag
 Atwood, Allen Albert 1917 L
 Au, Sydney Siu-On 1918 Ag
 Aubert, Francis 1918 M
 Augenblick, Jacob 1918 A
 Augur, Tracy Baldwin 1917 A
 Aul, Joseph L. 1917 Ag
 Auleta, Francis, M.D. Sp. M.D. (N. Y. C.)
 Aungst, James Maurice 1918 L
 Ausman, Edith May 1918 A
 Austin, Henry Kirke White 1918 A
 Austin, Hester Anna 1916 Ag
 Austin, Roger Kenneth 1916 M
 Averill, Lloyd Bernard Spec L
 Avery, Floyd Marshall 1916 M
 Avery, Lillian Gladys 1916 A
 Avery, Volney Amos Sanford 1918 Ag
 Axtell, Florence Ethel 1916 Ag
 Aycrigg, Edward Wilcox 1916 A
- Philadelphia, Pa.
 Philadelphia, Pa.
 New Franklin, Mo.
 Philadelphia, Pa.
 Buffalo
 Brooklyn
 New York City
 New York City
 Sandusky, Ohio
 Buffalo
 Norwich
 Wilmington, Del.
 Harrisburg, Pa.
 Oberlin, Ohio
 New York City
 Rye
 Pine Bluff, Wyo.
 El Centre, Col.
 Augusta, Ga.
 Meridian, Miss.
 Honolulu, T. H.
 Liverpool, O.
 Baltimore, Md.
 Fulton
 Inwood
 Baltimore, Md.
 Huntington
 Syracuse
 Bolivar
 Sidney
 Brooklyn
 Duluth, Minn.
 Santurce, Porto Rico
 Brooklyn
 Ithaca
 Brooklyn
 Erie, Pa.
 Seattle, Wash.
 Atlanta
 Trujillo, Peru
 Brooklyn
 Baltimore, Md.
 Franklin, Tenn.
 Massena
 Massena
 Knowlesville
 Brockton, Mass.
 Plattsburgh
 Seattle, Wash.
 Johnstown
 Brooklyn
 New York City
 LeRoy
 Washington, D. C.
 Richmond Hill
 Philadelphia, Pa.
 Gouverneur
 Provo, Utah
 Newport News, Va.
 New York City
 St. Cloud, Minn.
 Canton, China
 Mexico City, Mex.
 Newark, N. J.
 Brooklyn
 Brooklyn
 New York City
 Canton, O.
 Herkimer
 Ithaca
 Ithaca
 Brooklyn
 Worcester, Mass.
 Ilion
 Brooklyn
 Ferrisburg, Vt.
 Deposit
 Stamford, Conn.
 New York City
 Springville
- Babbitt, James Stanley 1916 A (Chem)
 Babcock, Delotus Henry 1918 Ag

Babcock, George Sanford	1916 A (Chem)	Northport
Babcock, Howard Parkhill	1917 A	Hornell
Babcock, Norman Clark	1918 Ag	Hornell
Babin, Harold John	1918 A	Ottawa, Can.
Babor, Rudolph Joseph	1918 Ag	New York City
Bacharach, Abram Fuld	1916 C	Baltimore, Md.
Backman, Clifford Eugene	1916 M	Pittsfield, Mass.
Bacon, Edwin Warner	1916 M	Erie, Pa.
Bacon, Job Laurence	1916 Ag	Millville, N. J.
Bacon, Roland Henry	1918 M	Rochester
Badanes, August	1918 A (Chem)	New York City
Badenhausen, Carl William	1917 M	Stapleton
Badenhausen, Otto August	1917 A (Chem)	Stapleton
Badger, Constance	1915 Ag	Ithaca
Baesler, Alfred Thomas	1915 V	Stapleton
Bagley, Julius Edward	1918 Ag	Brooklyn
Bahn, Carl Edward	1916 M	Rochester
Bahney, Robert Hubbard	1917 M	Massillon, Ohio
Bahringer, Jessie Ruth, A.B.	Grad	Cattaraugus
Baildon, John Karl	1917 Ag	Marlboro
Bailey, Clarence Wager	1916 Ag	Lakewood, Ohio
Bailey, Clifford Sherwood	1918 A	Ithaca
Bailey, Elmer James, Ph.B., Ph.M., A.M., Ph.D.	Spec Ag	Ithaca
Bailey, Fay Cook	1918 A	Canton
Bailey, Frederick Eugene	1918 L	Hammondsport
Bailey, Joseph Norbert	1918 Ar	Meriden, Conn.
Bailey, Leo Clair	1916 Ag	Ithaca
Bailliere, Frederick Lawrence	1916 Ag	Ellicott City, Md.
Baker, Alton Fletcher	1917 A	Cleveland, Ohio
Baker, Cleon J.	1917 Ag	Ft. Ann
Baker, Edwin Stuart	1915 C	Oil City, Pa.
Baker, Elbert Curtiss	1915 A	Easton, Pa.
Baker, Ellis Thomson	1917 M.E.	Fredericksburg, Va.
Baker, Gertrude Q., B.A.	Grad	Middletown, Ohio
Baker, Harold	1917 Ag	Montclair, N. J.
Baker, N. Benson	Spec Ag	Fairport
Baker, Roland Sears	1916 Ag	Brooklyn
Baker, Thomas Alexander, B.S.	Grad	Trumansburg
Baker, Vaughn Durrell	1916 Ag	Willisboro
Baker, Walter	1917 M	Jena, La.
Baker, Webster Noyes	1915 M	Dansville
Baldridge, John Lakin	1915 Ar	Jersey City, N. J.
Baldwin, Charles Goddard, jr.	1917 M	Syracuse
Baldwin, Dane Lewis, A.B.	Grad	Groton
Baldwin, Donald Robinson	1916 A	East Orange, N. J.
Baldwin, Garson	1916 L	Rochester
Baldwin, George Crook	1918 Ag	Highland Park, Ill.
Baldwin, Mabel Gingell	1917 Ag	Wyoming, Pa.
Baldwin, Maurice Burton	1918 Ar	Springfield, Mo.
Baldwin, Morgan Smiley	1915 A	East Orange, N. J.
Baleuzweig, Irvin	1918 M.D. (N. Y. C.)	New York City
Ball, Dorcas Janette	1918 A	Watertown
Ball, John McNickle	1916 A (Chem)	Ithaca
Ball, William Hudson	1918 A (Chem)	Muncie, Ind.
Ballagh, John Kinnier	1915 A	Albany
Ballantine, Herbert Wilgus	1918 A	New York City
Ballantine, John Holme	1915 A	New York City
Bailou, John McKnight	1915 M	Ithaca
Balser, Lewis Fishburn	1918 C	Harrisburg, Pa.
Banford, Thomas	1917 V	New York City
Bamman, August Harry	1916 M	Princeton, N. J.
Bancel, Alfred Fernand	1917 M	New York City
Bancroft, Mary Warner	1918 A	Ithaca
Banker, Jerrie Ostrander	1918 Ag	Plattsburgh
Banks, Elizabeth, B.S.	Grad	Ithaca
Banks, Frederic William	1917 M	Newburgh
Banner, Erford Lynn	1915 Ag	Bainbridge
Banning, Hancock, jr., B.S.	1916 M	Los Angeles, Cal.
Banta, Luther	1915 Ag	Amsterdam
Barber, Lillian Victoria	1917 A	Westfield
Barber, Ralph Spangler	1917 M	Joliet, Ill.
Barberie, Marjorie Cadiz	1915 Ag	Brooklyn
Barbour, Dana Little	1916 M	Ridgway, Pa.
Barbour, Marshall Rogers	1915 A	Pittsburgh, Pa.
Barclay, Sarah	1915 A	Brooklyn
Bard, Catharine Ann	1916 A	Gowanda
Bard, George Philip	1917 V	Leacock, Pa.
Bareford, Harold Shaw	1916 L	Millville, N. J.
Bareham, Lucian Clark	1916 Ag	Palmyra
Barnes, Frank Edward, A.B.	1918 M.D. (N. Y. C.)	Pownal, Vt.

- Barnes, Frederick Livingston 1916 Ag
 Barnes, Hobert Winship 1917 A
 Barnes, Merrick Vickers, B.S. Grad
 Barnes, Morell Gray 1917 A
 Barnes, Morris 1918 C
 Barnes, Raymond Whitney 1915 Ar
 Barnes, Robert Gilbert 1918 M
 Barnes, Roland Russel 1916 A
 Barnes, Wilbur James 1915 M
 Barnhart, George Doover 1916 C
 Barnwell, Florence O'Neill 1917 A
 Barr, James Jacob 1918 Ag
 Barr, James Lackner 1915 A
 Barr, Joseph Sydney 1918 A
 Barr, Samuel Max 1917 M
 Barrett, Charles 1916 M
 Barrett, Norman Winfield 1918 C
 Barringer, Benton Elwood 1916 Ag
 Barringer, J. Lew. 1916 V
 Barrington, Edmund Schultz 1918 M
 Barstow, Dorothy Putnam 1915 Ag
 Barstow, Mary Eleanor 1918 A
 Bartholomew, Robert 1915 M
 Bartlett, Maud Clover 1918 A
 Bartolicius, Ludwig William 1917 M
 Barton, George Titus 1917 C
 Barton, Robert Govers 1916 L
 Bartsch, Walter Christian 1917 Ag
 Bascom, Wade Lyman 1918 Ag
 Baseley, Arthur William 1915 C
 Bashein, Meyer David 1917 Ag
 Bason, George Francis, B.E. 1916 M
 Bassett, Harold Rhodes 1918 C
 Bassett, Iris Marie 1916 Ag
 Bassett, James Wellington 1918 A (Chem)
 Bassett, Lucy Antoinette 1916 Ag
 Bassett, Madeline Frances 1916 A
 Bassett, Robert Sturtevant 1916 M
 Bassler, Robert Edward 1917 C
 Bateman, John Wheaton 1916 A (Chem)
 Bates, Gertrude Strong 1916 Ag
 Bates, Juanita 1917 A
 Batjer, Henry Huntington 1917 C
 Batley, Edward Arthur 1915 C
 Batsford, Edwin Goodrich 1918 Ag
 Batten, Esther Mary 1917 Ag
 Baty, Ray Don 1915 Ag
 Bauer, Otto 1915 Ag
 Baugher, Thomas Le Roy 1918 A
 Baum, Edward F. Spec Ag
 Baumeister, Charles 1918 Ag
 Baxter, Hubert Eugene, B. Arch. Grad
 Bayle, Francis Lawrence 1919 C
 Beach, Irving Tracy 1917 A (Chem)
 Beach, Stephen Stanley 1918 Ag
 Beachy, Walter Fahrney 1917 Ag
 Beakes, Charles Curtis 1916 C
 Beale, David 1917 C
 Bean, Merton Russell 1918 Ag
 Bean, Russell Brewer 1915 Ag
 Beardsley, Edna Belle 1916 Ag
 Beattie, Harvey Cleveland 1918 Ag
 Beattie, William Hamlin 1918 M
 Beaumont, Arthur Bishop, B.S. Grad
 Bechel, Charles Henry 1915 C
 Beck, Charles Seidles 1917 C
 Beck, Ellis William 1916 Ar
 Beck, Russell Sheppard 1917 Ag
 Becker, Arthur William, jr. 1918 Ar
 Becker, Elna Grace 1915 Ag
 Becker, Floyd Eugene Spec Ag
 Becker, James Herman 1917 A
 Becker, Joseph Adam 1918 M
 Becker, Julia Ernestine 1918 Ag
 Becker, Volney Minnot 1915 Vet
 Beckerman, Barney 1915 Ag
 Beckley, Mabel Gertrude 1915 Ag
 Beckmann, Carl Theodore 1915 C
 Beckwith, Charles Leach 1916 M
 Bedell, John Reginald 1919 C
 Bee, Charles Everett, A.B. in C.E. Grad
- Syracuse
 Detroit, Mich.
 Worcester
 Detroit, Mich.
 New York City
 Syracuse
 Douglaston
 Ovid
 Washington, D. C.
 Clayton
 Plandome
 Lancaster, Pa.
 Forest River, Ill.
 Ithaca
 Brooklyn
 Pittsburgh, Pa.
 Takoma Park, Md.
 Caneadea
 Norwich
 St. Louis, Mo.
 Ithaca
 Ithaca
 Glen Ridge, N. J.
 Fulton
 New York City
 Montour Falls
 New Rochelle
 Jersey City, N. J.
 Farmdale, O.
 Far Rockaway
 New York City
 Badham, S. C.
 Stafford, Conn.
 Rochester
 Coopers Plains
 Philipp W. Va.
 Coatesville, Pa.
 Buffalo
 Brooklyn
 Dividing Creek, N. J.
 Ithaca
 Ithaca
 Abilene, Tex.
 Cohoes
 Utica
 Turner's Falls, Mass.
 Endicott
 New York City
 Baltimore, Md.
 Buffalo
 New York City
 Tonawanda
 Glens Falls
 Buffalo
 Mansfield, Pa.
 Oak Park, Ill.
 Sidney Center
 Boston, Mass.
 McGrawville
 Ithaca
 Odessa
 Greenville, S. C.
 Greenville, S. C.
 Ithaca
 Canton, O.
 Pittsburgh, Pa.
 Jamestown
 Crafton, Pa.
 Elizabethtown, N. J.
 Greenwich
 Roseland, N. J.
 Chicago, Ill.
 Brooklyn
 Baltimore, Md.
 Ilion
 Brooklyn
 Trumansburg
 Northampton, Mass.
 Allentown, Pa.
 Valley Falls
 Santa Clara, Cal.

- Bee, Nai Kim, B.Chem. Grad
 Beebe, Cla a May 1918 Ag
 Beebe, Alexander Mitchell 1915 M
 Beecher, Lena Churchill 1915 Ag
 Beehler, Albert 1917 A
 Beehler, George Howard 1918 Ag
 Beers, Albertson Seckendorff 1918 M
 Beggs, Alan Hendrie 1918 M
 Behr, Leo 1919 M
 Behrbohm, William Carl Otto Henry 1917 Ag
 Behrends, Frederick Gardner 1916 Ag
 Behringer, Benjamin Francis 1917 L
 Behrman, John Henry 1917 Ag
 Beifeld, Robert Siegmund 1917 A
 Beilby, Jane Miranda 1916 Ag
 Beitz, William Edward Grad
 Belcher, Harold Stewart 1916 A
 Belcher, Stephen Huntington 1915 A
 Belden, Daniel Stanton 1916 A (Chem)
 Belden, Edward Miller 1916 Ag
 Bell, Archibald Douglas 1917 A
 Bell, Caroline Victoria 1918 A
 Bell, Katharine Raynolds 1917 A
 Beller, Alice Florence 1918 Ag
 Beller, Elmer Adolph 1916 A
 Beller, Jerome Harold 1918 Ag
 Bellis, William Cornish 1917 M
 Bender, Charles Vernon 1918 A
 Benedict, Horace Guion 1919 C
 Benedict, Lewis, jr. 1918 Ag
 Benedict, Stewart 1915 M
 Benjamin, Everett Farrington 1917 A
 Benner, Emil Alan, B.S. 1916 M.D. (N. Y. C.)
 Bennett, Charles Bigelow, E.E. 1915 M
 Bennett, Edmund Roswell, B.S., M.H. Grad
 Bennett, Grace Louise 1916 A
 Bennett, Harold Selden, A.B. Grad
 Bennett, Helen 1915 A
 Bennett, Helen Houghton 1918 Ag
 Bennett, Ralph Stamp 1918 C
 Bennett, Ross Garrison 1918 A
 Bennett, Rowland King 1916 C
 Bennett, William Dexter 1917 Ag
 Benore, John Morris 1916 M
 Benson, Charles Beverley 1917 C
 Benson, Walter Van Ness 1917 C
 Benster, Halsey Lucien 1915 M
 Benster, Nellie Constance 1916 A
 Bentley, Harold Perkins 1918 M
 Bentley, Louise Cliff 1918 A
 Benton, Charles Otis 1915 A
 Bergen, Veeder 1917 Ag
 Berger, Frank Avery 1917 A
 Berger, Sidney Alexander 1918 Ag
 Berger, Solomon, A.B. 1917 M.D. (N. Y. C.)
 Bergholtz, Hilma Marie 1915 Ag
 Bergida, Golda Gisele 1917 A
 Berkowitz, Hyman 1917 A
 Berkowitz, Isaac 1916 Ag
 Berkowitz, Joseph Herman 1916 A
 Berkowitz, William 1915 A
 Berler, Harry 1918 Ag
 Berliner, Henry Adler 1918 M
 Berls, Amanda Katherine 1917 A
 Berman, Herman 1917 C
 Bermel, Peter Edward 1915 C
 Bernet, William Gerad 1917 M
 Bernhardt, Isidor Harold 1918 Ag
 Bernhoft, Edith Amelia 1916 A
 Bernstein, Max 1916 C
 Berry, Charles Harold, M.E. Grad
 Berston, James Lewis 1918 Ag
 Bertran, Juan Manuel 1917 C
 Bessho, Naotomi Spec A
 Best, Gerald Martin 1917 M
 Betances, Clothilde Helga 1916 A
 Betts, Franklin Furman 1917 Ag
 Bickwith, Leonard 1918 A
 Bick, Harold Neilan 1917 M
 Bick, Henry, jr. 1918 L
 Bickford, Robert Turner 1916 Ar
 Bangkok, Siam
 Alpine
 Rochester
 Cortland
 Baltimore, Md.
 Baltimore, Md.
 S. Norwalk, Conn.
 Glen Ridge, N. J.
 Brooklyn
 Grantwood, N. J.
 Brooklyn
 Paterson, N. J.
 Kiel, Germany
 Chicago, Ill.
 Deposit
 Medina
 Newark, N. J.
 Brooklyn
 Norwich
 Berkshire
 Hillsdale
 Ithaca
 Ithaca
 Sea Cliff
 New York City
 Brooklyn
 Atlantic City, N. J.
 Muncie, Ind.
 Roselle, N. J.
 Attica
 New York City
 Riverhead
 Brooklyn
 Aneta, N. D.
 Ft. Collins, Colo.
 Buffalo
 Ithaca
 Ithaca
 Interlaken
 Trumansburg
 New York City
 Philadelphia
 Philadelphia
 New York City
 Brooklyn
 Chatham
 East Moline, Ill.
 East Moline, Ill.
 Cazenovia
 Brooklyn
 Cleveland, O.
 Trumansburg
 Troy
 New York City
 Elmira
 Ithaca
 Brooklyn
 Brooklyn
 New York City
 Brooklyn
 Brooklyn
 New York City
 Washington, D. C.
 New York City
 Brooklyn
 Albany
 Chicago, Ill.
 Brooklyn
 Buffalo
 Brooklyn
 Brooklyn
 Yonkers
 Humacao, Porto Rico
 Sendai, Japan
 Port Jervis
 San Juan, P. R.
 Willow Grove, Pa.
 Brooklyn
 Brooklyn
 Brooklyn
 Brooklyn
 Elmira

- Bierderman, William 1916 A (Chem)
 Bienenstock, Joseph 1917 Ag
 Bigelow, Alan Langmade Spec Ag
 Billings, William Arthur 1917 V
 Bills, Frederick Perley 1916 A
 Bingham, Samuel Herbert, jr. 1918 A
 Binks, Albert Ernest 1915 L
 Binks, William Thomas 1916 M
 Binswanger, Samuel Emanuel 1919 M
 Birch, Raymond Russell, B.S., D.V.M. Grad
 Birckhead, Peter Hoffman 1916 M
 Bird, Royal Gould 1916 Ag
 Birkin, Kenneth Walter 1919 C
 Bisdee, Edward Louis, jr. 1916 Ar
 Bishop, Homer Guy, B.S., M.S. Grad
 Bishop, Robert Spitzer 1915 A
 Bissell, Addison Hayes, Litt.B. 1916 M.D. (N. Y. C.)
 Bissett, John Vail, B.Sc. 1918 M.D. (N. Y. C.)
 Black, Charles Eli 1918 Ag
 Black, Foster 1916 M
 Black, Mildred Ruth 1917 A
 Black, Russell Van Nest 1916 Ag
 Blackburn, Harold Coleman 1916 M
 Blackburn, Paul Vincent 1918 A (Chem)
 Blackman, John William, jr. 1918 Ag
 Blackman, William Jackson 1917 A
 Blackstone, James Harry Grad
 Blair, Howard Emmons 1918 Ag
 Blair, Milo Karl 1918 M
 Blake, Frederick Horace, jr. 1917 Ag
 Blakelock, David Hazen 1917 C
 Blakeman, Ford Francis Seward 1918 A (Chem)
 Blakey, Bernard Buckner 1918 Ag
 Blanchard, Merrill 1918 M
 Blanchard, Ralph Harris 1917 A
 Blanchard, Robert Lucas 1918 Ag
 Blancke, Leo Mulford 1915 A
 Blanco Morales, Heliodoro 1915 C
 Blank, Nathan 1917 L
 Blau, Jerome Leland 1917 A
 Blau, Nathan 1918 Ag
 Blehdon, Gilbert Randolph 1915 A
 Blessing, Arthur Reed 1915 A
 Blewer, Helen Truman 1915 Ag
 Blewett, William Edward, jr. 1918 M
 Blinn, Alice May 1917 Ag
 Bliss, Frank Clifford 1917 Ag
 Bliss, Rodney Moore 1918 M
 Bliss, William Carter 1917 M
 Block, Louis 1918 M
 Blodget, Hugh Young 1915 M
 Blodgett, Boyd Abram 1917 Ag
 Blodgett, Gertrude Louise 1915 Ag
 Blog, Leo 1915 C
 Bloodgood, Clarence Munson 1916 L
 Blount, Floyd Leland Spec Ag
 Blue, Arthur Ayling 1915 A (Chem)
 Blumberg, Ralph, A.B. 1918 M.D. (N. Y. C.)
 Blumenthal, Myron Stuyvesant 1915 A
 Blydenburgh, George Theron, B.S. 1918 M.D. (N. Y. C.)
 Blythe, Rowland Parker, A.B. 1915 M.D. (N. Y. C.)
 Boardman, Alice Isabelle 1916 Ag
 Boasberg, Norman Emanuel 1915 A
 Bobker, Harry 1918 C
 Bock, George Frederic 1918 A
 Böck, Joseph Carl, Ing. Chem. Grad (N. Y. C. Med.)
 Bockius, George Hamlin 1917 M
 Bodansky, Aaron 1915 Ag
 Boegehold, Alfred L. 1915 M
 Boehler, Winfield Herman 1915 Ag
 Boettner, George Henry 1916 Ag
 Bogart, Harold Elmer 1918 A
 Bogdahn, Ernst Franz 1918 Ag
 Boggis, Henry Parsons 1917 M
 Bohall, Homer Allen, A.B. 1915 A (Chem)
 Bohall, Mabel Catherine 1915 A
 Boies, Charles Dwight 1918 A
 Boies, Harry Bainbridge 1916 M
 Bole, Harry Spencer 1917 Ag
 Bolenbaker, Roger Fraleigh 1916 V
 Bolgiano, Charles Walton 1918 Ag
 New York City
 New York City
 East Bloomfield
 Rochester
 Swarthmore, Pa.
 Highland Park, Ill.
 Cromwell, Conn.
 Rome
 Richmond, Va.
 Ithaca
 Milwaukee, Wis.
 New York City
 Elmhurst, Ill.
 Baldwinsville
 Derby, O.
 Cleveland, O.
 Newark, N. J.
 New Brunswick, N. J.
 Yonkers
 S. Norfolk, Va.
 Lake View
 Hightstown, N. J.
 Philadelphia, Pa.
 Lakewood, O.
 New York City
 Brooklyn
 Nanking, China
 Phelps
 Hallstead, Pa.
 Omaha, Neb.
 Washington, D. C.
 New Hartford
 Ithaca
 Evanston, Ill.
 Niagara Falls
 New York City
 Essex Falls, N. J.
 San Juan, P. R.
 Bayonne, N. J.
 Newark, N. J.
 New York City
 Buffalo
 Slingerlands
 Owego
 Glen Ridge, N. J.
 Candor
 Cooperstown
 Cleveland, O.
 St Louis, Mo.
 Hartford, Conn.
 Bucksport, Me.
 Fredonia
 Rushville
 Brooklyn
 Catskill
 Lacona
 Pittsburgh, Pa.
 Brooklyn
 New York City
 Richmond Hill
 Wappingers Falls
 Ithaca
 Buffalo
 Brooklyn
 Lancaster
 Brooklyn
 Canton, O.
 New York City
 Mt. Vernon
 Camden
 Perryville, Mo.
 New York City
 Lansburg
 Cleveland, O.
 Lowville
 Lowville
 Woodhaven
 Woodhaven
 East Hardwick, Vt.
 Red Hook
 Washington, D. C.

Bollinger, Howard Foster 1918 Ag
 Bollman, George Hubert 1916 M
 Bomeisler, Charles McKarahr 1917 M
 Bonaguro, Alphonse 1918 C
 Bonnar, Henry Otis 1916 Ag
 Bonnett, Earl Cluff 1918 A
 Bonney, George W. 1916 Ag
 Bonnikson, Harry Peter 1915 V
 Bonoff, Harold Charles 1918 A
 Boochever, Florence 1918 A
 Boochever, Rose 1915 A
 Booker, Guy Headrick 1918 C
 Bool, John Henry Spec Ag
 Booth, Albert Alvin 1915 M
 Booth, Eloise 1917 Ag
 Booth, Robert Henry Sage 1915 Ar
 Borges, Domingos Gadelha 1915 C
 Borges, Charles 1916 Ag
 de Borja, Jaime Ricardo, jr. 1917 C
 Borst, Edward Walter 1916 Ag
 Bose, Charles Herman 1918 A
 Boshart, Charles Ralph 1915 V
 Boshart, William Elida Spec Ag
 Boshnakian, Sarkis, B.Sc. in Ag. Grad
 Botsford, Elsie Viola 1916 Ag
 Boucher, Henry Negus 1918 Ag
 Bowen, Grant Whitney 1918 M
 Bowen, Orley Glenn 1916 Ag
 Bowen, Ray Preston, A.B. Grad
 Bower, Fleming Claude 1917 M
 Bower, Gertrude Esther 1917 Ag
 Bowers, Wilder Johnson 1915 Ag
 Bowes, David Martin 1917 Ar
 Bowker, John Hall 1918 Ag
 Bowman, Alma Mary 1918 A
 Bowman, Harold Cook 1918 Ag
 Bown, Ralph A., M.E. Grad
 Boyce, Edward Doak 1918 L
 Boyd, Alice Vernetta 1918 Ag
 Boyd, Edith Florence 1917 Ag
 Boyd, Edna Mildred 1916 A
 Boyd, James Francis 1918 C
 Boyle, John Richards, 2d. 1918 Ag
 Boynton, Barbara 1917 A
 Boynton, Frank David, jr. 1917 A
 Brace, Ruth Minnie 1916 Ag
 Bracho, Miguel 1915 M
 Bradford, Paul 1918 A
 Bradley, Carl Richard 1917 Ag
 Bradley, George Hirst 1916 Ag
 Bradley, Harold Bartlett 1918 Ag
 Bradley, Harold Judd 1918 M
 Bardley, Jesse Franklin, A.B. Grad
 Bradley, Ruth Winifred 1918 A
 Braffette, John Willard 1915 M
 Bragg, Harry Graham, A.B. 1917 L
 Brainerd, Raymond Sinclair 1915 M
 Brandel, Myron Philip 1919 M
 Brandes, Frederick Christian 1916 C
 Brandes, George Henry 1918 A (Chem)
 Brandow, William Henry 1917 Ag
 Brandt, Adolph 1917 C
 Brandt, Richard, jr. (1917 Ag) 1917 A
 Braun, Harry 1915 Ag
 Braymer, George Winfield, jr. 1918 L
 Braziell, William Martin 1916 Ar
 Breck, Lawrence William 1918 M
 Breedlove, George Bales Sp. M.D. (N. Y. C.)
 Breen, Donald Hanley 1918 C
 Brelin, Hilding Gustav 1915 Ar
 Bremer, Harry Earl 1916 Ag
 Breneman, Joseph Templeton Melchoir, C.E. 1915 C
 Brew, Mary Frances, B.A. 1918 M.D.
 Brewster, Alice May 1917 Ag
 Brewster, Oswald Cammann 1918 C
 Brezee, Elizabeth Lenita, A.B. Grad (N. Y. Med.)
 Brickman, Benjamin 1916 Ag
 Brickman, Howard Keller 1916 A (Chem)
 Bridges, Clayton Thomas 1918 Ag
 Bridgman, J. Allington, B.Chem. Grad
 Briggs, Chauncey Millar 1917 C

Millerstown, Pa
 Kansas City, Mo.
 East Orange, N. J.
 Brooklyn
 Buffalo
 Provo, Utah
 Potsdam
 Ferndale, Cal.
 Brooklyn
 Albany
 Albany
 Bellingham, Wash.
 Ithaca
 New York City
 Groton
 Meriden, Conn.
 Para, Brazil
 Springfield Gardens
 Ithaca
 Baltimore, Md.
 Bayonne, N. J.
 Lowville
 Lowville
 Ithaca
 Rutherford, N. J.
 Brooklyn
 Mt. Morris
 Hartford
 Wellsboro, Pa.
 Pittsburgh, Pa.
 Elmira
 Evanston, Ill.
 Bath
 Cortland
 Norwich, Conn.
 Ogdensburg
 Fairport
 Brooklyn
 Masonville
 Mt. Vernon
 Mt. Vernon
 Newcastle, Ind.
 E. Orange, N. J.
 Ithaca
 Ithaca
 Richmond Hill
 Mexico City, Mex.
 Ithaca
 Hornell
 Hornell
 Montclair, N. J.
 Chicago, Ill.
 Saugatuck, Conn.
 Silver Springs
 LaGrange, Ill.
 Baltimore, Md.
 Westfield, N. J.
 Hamburg
 New York City
 Oswego
 Albany
 Rhinebeck
 New York City
 New York City
 Granville
 Poughkeepsie
 Pittsburgh, Pa.
 Martinsville, Ind.
 Watertown
 San Diego, Cal.
 Amster-dam
 Mount Joy, Pa.
 Brooklyn
 Cornwall
 Boulder, Colo.
 Saratoga Springs
 S. Fallsburgh
 Hornell
 Fairport
 Ithaca
 Chicago, Ill.

- Briggs, Loutrel Winslow 1917 Ag
 Briggs, Mead Greacen 1918 Ag
 Bright, Joseph Paul 1917 C
 Bright, Michael Carnahan 1917 M
 Brimberg, Israel 1915 C
 Brinckerhoff, James Embury 1917 M
 Brink, Francis Gerard 1916 A
 Briscoe, James Price 1918 Ag
 Bristol, Anna 1917 Ag
 Broadbent, Harold Stanley 1917 A (Chem)
 Brodie, William Peter, B.S. 1915 Ag
 Brokaw, Arthur Halsey Spec Ag
 Bromley, John Hallock 1915 Ag
 Brooks, Alfred Hiram 1918 Ag
 Brooks, Francis Karl Spec Ag
 Brooks, Frederic Day 1917 Ag
 Brooks, Homer Jay 1915 Ag
 Brostrom, Franklin 1917 Ag
 Brough, Robert Bruce 1916 Ag
 Brower, Gerald Evans 1915 C
 Brower, Henry Somerset 1917 Ag
 Brower, Lawrence George 1918 Ag
 Brown, Anthony Joseph 1918 A
 Brown, Alan Lyon 1916 A
 Brown, Albert Lyle 1915 V
 Brown, Camilla June 1918 Ag
 Brown, Edward Howey 1918 M
 Brown, Franklin Edwin 1918 Ag
 Brown, George Henry, B.L., A.M. Grad
 Brown, George Richard 1918 L
 Brown, Harold Gordon 1918 Ag
 Brown, Kenneth Cotton 1917 A (Chem)
 Brown, Lawrence Glen 1916 Ag
 Brown, (Mrs.) Lea Altenburg Bramhall 1916 A
 Brown, Leslie 1916 Ag
 Brown, Lloyd Campbell 1916 V
 Brown, Mary Celia 1918 Ag
 Brown, Ned Charles Lindsay 1918 M
 Brown, Ruth Eleanor 1918 A
 Brown, Samuel Thomas 1917 M
 Brown, Thomas Benjamin, A.B. Grad
 Brown, Walter Abbott 1915 M
 Brown, Wendell Wheeler, A.B. 1916 Ag
 Brown, Wilbur Forman 1915 A
 Brown, William Jean 1916 M
 Brown, Wiser 1917 M
 Browne, Dudley Malcolm 1918 Ag
 Browne, Frederick Lincoln 1917 A (Chem)
 Browning, Amy Elizabeth, A.B. Spec Ag
 Browning, Homer 1916 A
 Browning, Robert Abraham Spec Ag
 Browning, Val Allain 1919 M
 Brumback, Theodore Berdell 1917 A
 Brumfield, Lewis Brucker 1918 Ag
 Brunn, Harry Otis 1916 M
 Brunner, Regina 1915 A
 Brush, Edna Russell, B.S. 1915 A
 Bryan, Frank Clay 1917 M
 Bryant, Miles William 1916 Ag
 Bryant, Robert Charles 1918 M
 Bryant, Thomas Vincent 1915 Ag
 Bryce, Thomas Francis 1918 A
 Buchman, Joseph 1918 Ag
 Buck, Herbert Howe 1917 Ar
 Buck, Victor Mitchel 1916 Ag
 Buckbee, William Wisner 1917 A
 Buckingham, Trevor Couch 1918 Ag
 Buckley, Edmund James 1916 Ag
 Buckmann, George Frederick 1917 C
 Buckstein, Jacob, B.S. 1915 M.D. (N. Y. C.)
 Buckwell, George Dupre 1916 A
 Budd, Ivon Harold 1917 Ag
 Bufford, Hazel Blanche 1917 A
 Bull, Egbert Comstock 1918 A (Chem)
 Bull, James Peter 1915 Ag
 Bull, William Francis 1916 Ag
 Bullard, George Percival 1919 C
 Bullard, James Gorton 1918 Ag
 Bullis, Nettie Aurelia 1918 A
 Bullock, Otis LeRoy 1918 Ag
 Bundy, Murray Wright, A.B., M.A. Grad
- New York City
 Brooklyn
 Wilmington, Del.
 Superior, Wis.
 New York City
 Orange, N. J.
 Marathon
 Jackson, Mich.
 Ovid
 Utica
 Bergen
 Lodi
 Ithaca
 Monroe
 Ithaca
 Ithaca
 Rushford
 Hartsdale
 San Antonio, Tex.
 Brooklyn
 Spencerport
 Mamaroneck
 Corning
 Passaic, N. J.
 Carthage
 N. Harford
 Cleveland, Ohio
 Trumansburg
 Lebanon, N. H.
 Buffalo
 Deerfield
 Hinsdale, Ill.
 Nashville, Ind.
 Ithaca
 Elmira
 Gloucester, Mass.
 Trumansburg
 Cohocton
 Burdett
 Patton, Pa.
 Ithaca
 Baltimore, Md.
 Yonkers
 Wilmington, Del.
 Mehoopany, Pa.
 Syracuse
 Ramsey, N. J.
 New York City
 Belmont
 Buffalo
 Buffalo
 Ogden, Utah
 Kansas City, Mo.
 Mansfield, Ohio
 Buffalo
 Olean
 Huntington
 New York City
 Princeton, Ill.
 Binghamton
 Syracuse
 Newark, N. J.
 New York City
 Buffalo
 LaGrangeville
 Ithaca
 Willimantic, Conn.
 Saranac Lake
 New York City
 Brooklyn
 Cleveland, Ohio
 Caldwell, N. J.
 Buffalo
 Ivorytown, Conn.
 Fredonia
 Hastings-on-Hudson
 Theresa
 Troy
 Macedon
 Elkhart, Ind.
 Ithaca

Bungart, Helen Eliazbeth	1916 A	Rockville Centre
Bunn, Charles Horatio, jr.	1917 C	E. Orange, N. J.
Buongiorno, Rose	1918 A	Union, N. J.
Burbank, Reginald, B.A.	1915 M.D. (N. Y. C.)	Pittsfield, Mass.
Burchard, Albert Stanley	1918 Ag	Oxford
Burdick, Harold Bennitt	1916 Ar	Cleveland, O.
Burdick, Maude Amelia	1918 A	Interlaken
Burgard, Howard Alfred	1917 A	Buffalo
Burgard, Willard Henry	1916 C	Buffalo
Burgunder, Bernard Frank	1918 A	Wilkes-Barre, Pa.
Burke, Carl Martin, A.B., A.M.	Grad	McPherson, Kan.
Burke, Frank Jones	1917 Ag	Newark, N. J.
Burke, Robert Emmett	1915 L	Morristown, N. J.
Burke, Walter Raymond	1918 C	Scranton, Pa.
Burkholder, Christine Nilsson	1917 Ag	South Dayton
Burkholder, Walter H., A.B.	Grad	Crawfordsville, Ind.
Burnett, Roscoe Elvis, A.B.	1916 Ag	New York City
Burnham, Rogers	1917 A	Brooklyn
Burnham, Westley Saville, A.B.	1915 A (Chem)	Chiloway
Burns, Edward John	1917 A	Mohawk
Burns, Justin Warren	1917 Ag	Watertown
Burns, Walter Harold	1918 Ar	Gary, Ind.
Burpee, Chandler	1917 M	Philadelphia, Pa.
Burr, Newton Howard	Spec Ag	Brooklyn
Burrows, George Allen, A.B.	Grad	N. Tonawanda
Burt, Adena Katherine	1918 A	Lake George
Bush, Raymond Bates	1918 Ag	Kennedy
Bush, Roland Allen	1915 M	Pittsfield, Mass.
Bushnell, Burge Ogden	1918 M	New Haven, Conn.
Bussey, Robert Edgar	1918 M	Yonkers
Butler, Eugene, B.Sc.	1915 Ag	Memphis, Tenn.
Butler, James Norland	1916 L	Greenwich, N. J.
Butler, Vincent Otis	1917 Ag	York, Pa.
Butler, Wellington Frederick	1917 A (Chem)	River Edge, N. J.
Button, Dorothy Markham	1918 Ag	Canastota
Button, Forrest Clifton	1916 Ag	Fredonia
Button, Gertrude MacCartney	1916 Ag	Canastota
Buttrick, Alden Crippen	1916 A	Ithaca
Butts, Wilbur Kingsley	1918 Ag	Poughkeepsie
Butts, Willard Wilcox	1915 Ag	Manlius
Buys, Ivan	1917 M	Trumansburg
Buzby, Paul Mitchell	1915 M	Moorestown, N. J.
Byrne, Harry Francis	1916 L	Brooklyn
Cable, Jo Harnly	1918 M	Lima, O.
Cacho y Soriano, Mariano, C.E.	1916 C	Manila, P. I.
Cadiz, Alvin Garcia	1915 C	Brooklyn
Cady, Donald Watson	1916 A	New Rochelle
Cady, Elizabeth Catherine	1918 A	Ithaca
Cady, Frank William, —	1915 Ag	Rochester
Cady, Stanley Hurlbutt	1918 M	Spencerport
Cahen, Harold Arthur, A.B.	1916 M	New York City
Cain, Walter Leroy	1916 Ag	Gowanda
Calder, William	1917 M	Harrisburg, Pa.
Caldwell, Henry Wallace	1917 M	Oak Park, Ill.
Caldwell, James Clayton	1917 M	Brooklyn
Calkins, James Birdsall	1916 M	Ithaca
Call, Robert Vincent	1917 Ag	Stafford
Callaghan, John Thomas	1916 A	New York City
Callahan, Lawrence Kingsley	1916 A	Winneth, Ill.
Camenir, Troim	1918 Ag	New York City
Camp, Chester Claremont, B.A.	Grad	Corning, Iowa
Campbell, Bartley Edmund	1918 Ag	New York City
Campbell, Donald Stuart	1916 Ag	Detroit, Mich.
Campbell, John Wesley, jr.	1918 Ag	Warren, Pa.
Campbell, Lorn	1918 M	Lakewood, White Bear, Minn.
Campbell, Sarah Letson	1917 Ag	Suffern
Camuti, Louis Joseph	1916 Ag	New York City
Candee, Robert Chapin	1915 A	Medical Lake, Wash.
de la Cantera, Fernando, A.B.	1915 C	Manila, P. I.
Cantillo, Thomas	1918 A	Newark, N. J.
Cantor, Jacob August, B.A.	1918 M.D. (N. Y. C.)	New York City
Capen, Charles Herbert, jr.	1917 C	E. Orange, N. J.
Caplan, Harry	1916 A	Albany
Caprio, Amerigo Francesco	1917 A (Chem)	Newark, N. J.
Capron, Theodore Jackson	1918 Ag	Wayland
Card, Wendell Thomas	1916 Ag	Sylvania, Pa.
Carey, Matthew Laurence	1915 C	Albany
Carl, Leroy Robert	1916 Ag	Colden
Carleton, Merton Scott	1915 Ag	Waterford
Carlsson, John Kent	1918 M	Trenton, N. J.

Carmoega, Rafael 1918 Ar
 Carnes, Moses 1916 A
 Carpenter, Albert Branson 1916 C
 Carpenter, Allan Wallace 1916 A
 Carpenter, Arthur Eldred 1918 A
 Carpenter, Charles Milton 1917 V
 Carpenter, Clinton George 1918 A
 Carpenter, Edwin John, jr. 1918 A
 Carpenter, Evie Lee 1918 Ag
 Carpenter, Howard Baylis 1916 M
 Carpenter, James McFadden, jr., A.B., A.M. Grad
 Carples, Bernard John Ross 1918 L
 Carr, Joseph Lewis 1917 Ag
 Carr, Robert Upton 1917 A
 Carrick, Doak Bain, A.B. Grad
 Carrier, Charles Mosher 1916 A (Chem)
 Carroll, Burt Haring 1917 A (Chem)
 Carroll, Cora Crucis 1916 A
 Carroll, Julian Orlando 1919 C
 Carroll, Malcolm Barrington 1918 C
 Carry, Joseph Champ 1918 M
 Carson, Philip Tillman 1915 A
 Carter, Frank Henry 1916 M
 Carter, Glenn Theron 1916 Ag
 Carter, Helen 1917 A
 Carter, Paul William 1916 A
 Carter, William Joseph, jr., A.B. 1918 M
 Cartwright, Frank Poole 1915 C
 Cartwright, Louise Benton 1917 A
 Carty, James Francis 1918 Ag
 Caruthers, Samuel Ramsey 1917 Ag
 Carver, Charles Decker 1918 M
 Carver, William Van Ness 1918 Ag
 Cary, Richard Edgar 1918 Ag
 Case, Francis Owen 1916 A (Chem)
 Casey, Alice Josephine 1916 A
 Casey, John Augustine, B.A. 1918 M.D. (N. Y. C.)
 Cashin, John Martin 1915 L
 Caspar, John Page 1918 Ag
 Cassady, Mark C. 1917 L
 Cassel, Edna Egolf 1917 A
 Cassidy, George Emmes 1917 M
 Cassidy, Mark Anselm Spec Ag
 Cassill, Scott Kenneth 1918 A
 Castaneda, Erasmo 1915 Ag
 Castelle, James 1916 Ag
 Castillo, Carlos Manuel 1915 Ar
 Castillo, Manuel Jesus 1917 Ag
 Caswell, Sarah Palmer, B.A. Grad
 Cautley, Randolph Vivian 1917 A
 Cavanaugh, Paul James 1917 A
 Caves, Stuart Shaw 1916 C
 Cesario, Frank 1916 C
 Chadeayne, Henry Frost 1917 C
 Chadsey, Gladys Marie 1916 A
 Chadwick, Benjamin Franklin 1919 M
 Chadwick, John Campbell 1915 M
 Chadwick, Joseph Julius 1916 M
 Chadwick, Stuart 1918 M
 Chaffee, Perry John Spec Ag
 Chamberlain, Charles Herbert Spec Ag
 Chamberlain, Jesse Mark, A.B. 1915 Ag
 Chamberlain, Thomas Knight 1918 Ag
 Chamberlin, Lewis Church 1916 A
 Champ, Kenneth Barnard 1918 M
 Chandler, David Harry, jr. 1917 M
 Chandler, Edward Austin, jr. 1917 C
 Chang, Clifton Tse 1917 Ag
 Chano, Yuen Ren, A.B. Grad
 Chapin, Harry Alexander 1915 M
 Chapin, Oscar Hilan 1918 Ag
 Chapin, Stanley Douglas 1915 A
 Chapin, Stuart Lyle 1916 M
 Chapman, Cyril Tyler 1915 M
 Chapman, Grace Elizabeth, A.B. Grad
 Chapman, Helen Nancy 1918 Ag
 Chapman, Margaret Lyon 1918 A
 Chapman, Robert Hett 1917 M
 Chapman, Wilbur Fiske 1915 A
 Chappell, Paul Russell 1917 Ag
 Chappell, William Dorr 1916 Ag

Rio Piedras, P. R.
 Tupper Lake
 Middletown
 Wilmington, Del.
 North Bangor
 Unadilla
 Hudson Falls
 Corning
 Yonkers
 Brooklyn
 Pittsburgh, Pa.
 New York City
 Corning
 Buffalo
 High Point, N. C.
 Troy
 Lynn, Mass.
 Highland Mills
 Baltimore, Md.
 West New Brighton
 Chicago, Ill.
 Detroit, Mich.
 Baltimore, Md.
 Marathon
 Minersville, Pa.
 Greenwich
 Dillon, S. C.
 East Bloomfield
 East Bloomfield
 Rockville Centre
 Los Angeles, Cal.
 Brooklyn
 Brooklyn
 Richfield Springs
 Chattanooga, Tenn.
 Ithaca
 Bridgeport, Conn.
 Kingston
 Pittsburgh, Pa.
 Hartford, Conn.
 Philadelphia, Pa.
 Honolulu, Hawaii
 Woonsocket, R. I.
 Spokane, Wash.
 S. Orange, N. J.
 New York City
 Mérida, Yucatan, Mexico
 Mérida, Yucatan, Mexico
 Norton, Mass.
 New York City
 Ithaca
 Phelps
 Port Chester
 Firthcliffe
 New York City
 Brooklyn
 Omaha, Neb.
 Brooklyn
 Hartford, Conn.
 Loomis
 Rochester
 West Raleigh, N. C.
 Brooklyn
 Chicago, Ill.
 Cleveland Hts., O.
 Vineland, N. J.
 Gardner, Mass.
 Hopei, Tientsin, China
 Changchow, China
 Brooklyn
 Greenwich
 Portland, Ore.
 Oneida
 Pittsburgh, Pa.
 Auburn
 Ithaca
 Port Richmond
 Spartanburg, S. C.
 Philadelphia, Pa.
 Cayuga
 Port Byron

- Chappelle, Ruth Virginia 1917 A
 Char, Yuk Tong Spec Ar
 Charles, Thomas Burr 1915 Ag
 Chase, Amos Prentice 1918 M
 Chase, Elwin Groesbeck 1915 Ag
 Chase, Elwood LaBarre 1915 Ag
 Chase, Vernon Ballard 1916 M
 Chase, Wilbur Darwin 1916 Ag
 Chater, John Andrew, jr. 1916 M
 Chater, William Sage 1916 Ag
 Chavin, I. Edward 1915 Ag
 Chavin, Raphael 1916 A (Chem)
 Cheesman, Roy Walling Spec Ar
 Chen, Cheng-Sze, B.A. 1915 C
 Chen, Phoo-Hwa, B.C.E. Grad
 Cheney, Monroe George, jr. 1916 Ag
 Cherry, Lewis Williamson, jr. 1917 L
 Chesney, Malcolm McCay 1916 M
 Chestnut, James Thomas, jr. 1915 A
 Cheung, Cheuk Kwan 1916 Ag
 Chew, John James, 2d 1915 M
 Chien, Chih Lan 1918 Ag
 Chillingworth, Walter Seabrook 1917 M
 Chipman, Albert Thomas 1915 Ar
 Chippey, Arthur Peter 1916 A
 Chittenden, Wilbur Everett 1917 Ag
 Chiu, Wei Yung 1916 M
 Cho, Wen-Yueh 1916 C
 Choate, Dorothy Flood 1918 Ag
 Chow, Jen, M.E. Grad
 Chrisman, Anna Stevens 1915 A
 Christensen, Abby Winch, A.B. (Sp Ag) Grad
 Christensen, John 1918 A
 Christy, Calvin Morgan (1918 M) 1918 A
 Chu, Chih Wo 1919 C
 Chuckrow, Abraham 1915 Ag
 Chupp, Charles, A.B. Grad
 Church, Clarence Cecil, B.S. Grad
 Church, Estella Louise 1915 Ag
 Church, Madeline Kingsley 1916 Ag
 Church, Shepard Earl 1915 Ag
 Cianchini, Louis Felipe 1916 C
 Cinader, Louis 1917 Ag
 Clapp, Roger Williams 1915 A
 Clapper, Raymond Herman Spec Ag
 Clapsattle, Mark Darrison Spec Ag
 Clarey, Louis Hanawalt 1916 A
 Claris, John Woodward 1917 V
 Clark, Albert Merwin, A.B. 1918 M.D. (N. Y. C.)
 Clark, Albert Rankin, LL.B. 1917 Ag
 Clark, Carroll Bromley 1918 C
 Clark, Charles Parsons 1915 Ag
 Clark, Ethel May 1915 A
 Clark, Frederick Conrad 1916 V
 Clark, George Rogers 1917 M
 Clark, Harold Howard 1915 M
 Clark, Helen Scureman 1917 Ag
 Clark, Hollis Harrison 1917 Ag
 Clark, Hulet D. 1915 Ag
 Clark, James Bowen 1915 Ag
 Clark, John Griffith 1918 Ag
 Clark, John Harrison 1918 Ag
 Clark, Lee Hinchman 1918 A (Chem)
 Clark, Mildred, A.B. Grad
 Clark, Oliver R. 1915 A
 Clark, William Cornwall 1917 A
 Clark, William Donald 1915 C
 Clark, William Jerome, jr. 1918 M
 Clarke, Charles Frederick 1916 M
 Clarkson, Albert Batchelder 1918 Ag
 Clary, Francis Joseph 1917 L
 Clawans, Edward 1916 C
 Clay, Earl Milton 1915 A
 Clay, John Matthew Spec Ag
 Cleary, Katherine Anna 1916 A
 Cleary, Martin Joseph 1916 A
 Cleaver, Robert Stephen, B.Sc. 1916 M.D. (N. Y. C.)
 Clemens, Wilbert Amie, A.B., A.M. Grad
 Clement, Maynard Sackett 1918 Ag
 Cleminshaw, Russell Higbee 1916 M
 Hoboken, N. J.
 Honolulu, T. H.
 Odessa
 Norwich, Conn.
 Warsaw
 Baltimore, Md.
 Brooklyn
 Hilton
 Ithaca
 Ithaca
 New York City
 New York City
 Rochester
 Foochow, China
 Fukien, China
 Franklinville
 Little Rock, Ark.
 Pittsfield, Mass.
 Philadelphia, Pa.
 Canton, China
 Washington, D. C.
 Chekiang, China
 West Palm Beach, Florida
 Ithaca
 Wilmington, Delaware
 Buffalo
 Shanghai, Kiangsu, China
 Canton, China
 Romulus
 Shanghai, China
 West Chester, Pa.
 Beaufort, S. C.
 Brooklyn
 St. Louis, Mo.
 Canton, China
 Albany
 Ithaca
 Canton
 Marcellus
 Ithaca
 Marcellus
 Coamo, Porto Rico
 New York City
 Ithaca
 Canandaigua
 Lockport
 Madison, N. J.
 Buffalo
 Mt. Vernon
 Ithaca
 Castleton, Vt.
 Skaneateles
 Lockport
 Cohocton
 St. Louis, Mo.
 Buffalo
 Kingston, Pa.
 Warsaw
 Westtown
 East Northport
 Fairport
 Schoharie
 Brooklyn
 Denver, Col.
 Farmington, Utah
 Fredonia
 Sidney
 Chicago, Ill.
 Chicago, Ill.
 Newburyport, Mass.
 Seneca Falls
 Newark, N. J.
 Plattsburg
 Brooklyn
 Rye
 Ithaca
 Schuylerville
 New Westminster, British Columbia, Canada
 Albany
 Cleveland, Ohio

Clendinning, Katherine Walsh 1915 A
 Cleveland, Lloyd Smith 1917 A
 Cleveland, Walter Eugene 1917 Ag
 Cleves, Ruth Lewis 1916 Ag
 Coad, Anna Cecelia 1918 Ag
 Cobb, Harry Elmore 1915 M
 Cobb, J. Stanley 1915 Ag
 Cobb, Robert Harris 1916 A
 Cobb, Samuel Henry, B.A. 1918 M.D. (N. Y. C)
 Coble, Adlai Stevenson 1915 M
 Cochran, Charles Francis 1917 Ag
 Cocks, Stephen Arnold 1915 A
 Coe, John Sherman 1918 M
 Coffey, Charles Patrick 1915 L
 Coffin, Arlyn Wilbur 1915 Ag
 Coffin, Kenneth Ford 1919 Ar
 Coggins, Charles Paul 1918 C
 Cohan, Israel 1915 Ag
 Cohen, Dudley Crawford 1918 A
 Cohen, Harry David 1918 Ag
 Cohen, Israel 1917 A
 Cohen, Julian Seeman 1918 A (Chem)
 Cohen, Paul 1915 C
 Cohen, Philip 1919 C
 Cohen, Reuben Michael 1917 Ag
 Cohn, Philip 1918 Ag
 Coiner, Beverly Hare 1915 L
 Coira, Enrique 1918 L
 Colby, Whitney Coffin 1918 M
 Cole, Glen Walker 1918 A
 Cole, Harold 1916 M
 Cole, Howard Irving, B.Chem. Grad
 Cole, Ira Earl 1915 M
 Coleman, George Kadel 1917 M
 Coleman, Roland Warner 1916 Ag
 Colie, Eldon Francis 1915 L
 Collet, Walter Joseph 1915 C
 Collin, Henry Arthur 1918 M
 Collin, Mabel Spec Ag
 Collins, Alfred Stuart 1918 C
 Collins, Carlton Palmer (1916 Ag) 1916 A
 Collins, Edwin Leo 1917 M
 Collins, Frederick Arthur 1915 M
 Collins, Wallace Hardison 1918 M
 Collyer, John Lyon 1917 M
 Collyer, William Curtis 1915 M
 Colman, Charles Edward 1917 A
 Colony, Myron Wesley 1918 A (Chem)
 Colorado, Rafael Antonio 1917 L
 Colpitts, Kathleen Wendell 1916 A
 Colpoys, Lewis Howard 1916 M
 Colsten, Ronald 1918 Ag
 Colton, Willoughby Francis, A.B. Grad
 Colucci, John Anthony, B.A. 1916 M.D. (N. Y. C.)
 Colyer, Charles Manning 1915 L
 Combs, Gladys Kruger 1916 A
 Combs, Willis Becker 1917 Ag
 Comfort, Charles Alexander 1916 Ag
 Comings, William Daniel 1918 Ag
 Compton, Ralph Osgood 1917 M
 Comstock, Charles Ward 1918 Ag
 Comstock, Frederick Theodore 1915 A 1918 M.D.
 Comstock, Helen Louise 1915 Ag
 Conant, Harold Abbott Rand 1915 M
 Conant, John Kennard 1918 M
 Conant, Melvin Abbott 1918 M
 Cone, Willard Ray 1915 Ag
 Congdon, Clem Harris 1916 M
 Congdon, John 1917 M
 Conger, Jay, jr. 1916 C
 Conger, Sidney Barnett 1918 M.D. (N. Y. C.)
 Conine, Paul Sin Clair 1917 Ag
 Conklin, Elbert Ernest, jr. 1917 Ag
 Conklin, Harold Welcher 1916 A
 Conklin, Henry Ernest 1915 A
 Conklin, Raymond LeRoy 1917 V
 Conklin, Willis Ackerly 1916 Ag
 Conkling, Lester Jay 1916 A
 Conlan, Margaret Geraldine 1918 A
 Conlin, Henry Joseph, A.B. B. Chem. Grad
 Connell, Catharine Casta 1918 A

Brooklyn
 Endeavor, Pa.
 Coventry, Vermont
 Binghamton
 Ithaca
 Audubon, N. J.
 Groton
 Tyler, Texas
 South Orange, N. J.
 New Rochelle
 Ripley
 Port Washington
 Waterbury, Conn.
 Beacon
 Somerville, N. J.
 Somerville, N. J.
 Avalon, Pa.
 Albany
 Brooklyn
 New Rochelle
 Monticello
 New York City
 New York City
 New York City
 Brooklyn
 New York City
 Tacoma, Wash.
 Ciales, Porto Rico
 Montclair, N. J.
 Corning
 Saginaw, Mich.
 New Rochelle
 Elmira
 Westville, N. J.
 Piermont
 Buffalo
 Brooklyn
 Plattsburg
 New York City
 Buffalo
 Stamford, Conn.
 Ithaca
 Flushing
 Tulsa, Okla.
 Chelsea-on-Hudson
 Maplewood, N. J.
 La Crosse, Wis.
 Yonkers
 San Juan, Porto Rico
 Chicago, Ill.
 Niagara Falls
 Binghamton
 Ithaca
 New York City
 Central Bridge
 Rockville Centre
 Ithaca
 Circleville
 Middletown
 Brooklyn
 Yorkville
 South Glens Falls
 Gage
 Upper Montclair, N. J.
 Upper Montclair, N. J.
 Montclair, N. J.
 Hornell
 Philadelphia, Pa.
 Rochester
 Groton
 Akron, O.
 Bath
 Syracuse
 Penn Yan
 Roslyn
 Norwich
 Woodhaven
 Middletown
 Johnstown
 Glens Falls
 Ithaca

- Conner, Henry Waddell 1917 Ag
 Connor, Edwin Irving, jr. 1917 Ag
 Conoley, Douglas Sheldon 1918 C
 Conover, Garrett Hendrick 1918 Ag
 Conroy, James Joseph, jr. 1917 L
 Conwell, Madge Annie, A.B. 1915 A
 Conwell, Walter Lichtenthæler, C.E. Grad
 Cook, Adelaide Helen 1918 A
 Cook, Joseph Ansel 1915 M
 Cook, Paul Clinton, A.B. 1915 M. D. (N. Y. C.)
 Cooke, Donald Dunlop 1916 M
 Cooke, Everett Brownell 1917 M
 Cooke, Thomas Turner 1916 A (Chem)
 Cookingham, Waldo Beale 1916 Ag
 Cool, Willard Cameron 1916 Ag
 Cooley, Clifford Stone 1915 A (Chem)
 Cooman, Carl Conrad 1915 C
 Cooney, Margaret Sheerin 1916 A
 Cooper, Charles Stuart 1917 Ag
 Cooper, Dorothy Jean 1916 Ag
 Cooper, George Leo 1916 Ag
 Cooper, James Austin, jr. 1916 C
 Cooper, Joseph Saul 1917 C
 Cooper, Lester Marcus 1918 Ag
 Coover, Howard J. 1918 Ag
 Copley, Mabel Clare 1915 Ag
 Corbet, Clinton Litchfield 1915 C
 Corby, George Bentley (1918 M) 1918 A
 Corcoran, Edward Stephen 1917 M
 Core, John Calvin, jr. Spec A
 Coria, Leon J., M.D. Spec M.D. (N. Y. C.)
 Corleis, Grace Henrietta 1918 A
 Corliss, Louis Fisk 1917 M
 Cormack, Clarence Elphinstone 1917 A (Chem)
 Cornell, Elsa Cosette 1915 A
 Cornell, Nelson Warren 1918 A
 Cornell, Walter Rodney, B.Sc. 1915 C
 Cornish, Clement Hutchinson 1916 Ag
 Cornish, Ina May 1918 Ag
 Cornwell, Ellison 1915 Ag
 Cornwell, Eugene Willard Kline 1915 M
 Cornwell, Lloyd Rufus 1915 V
 Cornwell, Ralph Thomas Kline 1918 A (Chem)
 Corpus, José Aurelio Vicente 1915 M
 Corrinton, Julian Dana, A.B. Grad
 Corwin, Blanche Adella, B.S. Grad
 Corwith, Everett Palmer 1915 L
 Corwith, Howard Post 1916 M
 Corwith, James Carlton 1916 Ag
 Cory, Alfred Richards 1917 A
 Cosgrove, William Hugh 1915 M
 Cosline, Hugh Lewis 1918 Ag
 da Costa, Oscar Machado 1916 C
 Cota, Alejandro R. 1916 M
 Cotton, Dorothy Annie 1918 Ag
 Cotton, Richard Thomas, B.S. Grad
 Cotton, Stanley William 1916 Ag
 Couchman, Carl Spencer 1918 M
 Couchman, William Venning 1915 Ag
 Coulter, Clarence Dally 1918 M
 Coulter, William Adams 1917 M
 Courant, Juliette MacMonnies 1916 A
 Coursen, Ronald Chester 1917 M
 Courtney, John Howard 1917 C
 Courtney, William Francis 1918 M
 Cousens, Clayton Worth 1915 A
 Coutant, Albert Francis, B.S., A.M. 1917 M.D. (N. Y. C.)
 Coutinho, Ramiro da Cunha 1917 Ag
 Covell, Abraham Irvine 1917 Ag
 Covey, Kenneth Sydney 1918 Ag
 Coville, Perkins 1918 Ag
 Coville, Stanley 1915 Ag
 Cowan, Ralph Waldo Emerson 1916 Ag
 Cowan, Walter Griffin 1917 Ag
 Cowan, Wayne Weeks 1915 M
 Cowhill, Clara Evelyn 1918 A
 Cowles, Edwin 1916 M
 Cowles, Frank Hewitt, Ph.B. Grad
 Cownie, David Livingstone 1917 C
 Cox, Teresa Catherine 1915 A
 Cox, Warren Rollin, B.S. Grad
- Great Falls, Mont.
 White Plains
 Tampa, Florida
 Middletown, N. J.
 Albany
 Mexico City, Mex.
 Ithaca
 Washington, D. C.
 Dunkirk
 Pittsfield, Mass.
 Paterson, N. J.
 Paterson, N. J.
 Orange, N. J.
 Ellenville
 Pittston, Pa.
 Ithaca
 Webster
 Ithaca
 W. Philadelphia, Pa.
 Ithaca
 New York City
 Brooklyn
 New York City
 Cortland
 Dillsburg, Pa.
 Unadilla
 Chicago, Ill.
 Honeoye Falls
 Interlaken, Mass.
 Uniontown, Pa.
 Minneapolis, Minn.
 Brooklyn
 Brooklyn
 Silver Creek
 Cambridge
 Chemung
 Ithaca
 Trenton, N. J.
 Ithaca
 Hempstead
 Northumberland, Pa.
 Machias
 Northumberland, Pa.
 San Antonio, Zambales, P. I.
 Hot Springs, Ark.
 Altmar
 Rockville Centre
 Water Mill
 Water Mill
 Jamestown, R. I.
 Braddock, Pa.
 Springville
 Rio de Janeiro, Brazil
 Fuerte, Sinaloa, Mexico
 Ithaca
 Ithaca
 Ithaca
 Brussels, Belgium
 Brussels, Belgium
 Oil City, Pa.
 Bridgeport, Conn.
 Brooklyn
 Salisbury, Md.
 Union Springs
 Boise, Idaho
 Honolulu, T. H.
 Plainfield, N. J.
 Para, Brazil
 Bronx, New York City
 Oneonta
 Ithaca
 Washington, D. C.
 Ithaca
 Hobart
 Elmira
 Brooklyn
 Cleveland, Ohio
 Ithaca
 Buffalo
 Herkimer
 Terre Haute, Ind.

Coyne, John Henry, jr. 1915 Ag	Yonkers
Crabtree, George Calvin 1916 M	New Brighton
Crafts, Curtis Stratford 1916 M	Chicago, Ill.
Cragin, Franklin Page 1916 Ag	Buffalo
Cragwall, Gordon Owen, A.B. Grad	Crawfordsville, Ind.
Craig, Arthur 1918 C	New York City
Craig, Joseph Eddy Gillingham 1918 C	Rosemont, Pa.
Craig, Thomas Robinson 1915 M	Rosemont, Pa.
Craig, Wesley Irwin 1915 Ag	Castle Shannon, Pa.
Crampton, Carl Clifford 1917 A	Somerset, Md.
Crampton, William Henry 1918 Ar	Detroit, Mich.
Crandall, Addison Bardshar 1917 M	Chattanooga, Tenn.
Crandall, Clinton E. 1918 Ag	Belmont
Crandall, Daniel Phillips 1915 Ag	Kendall
Crandall, Howard 1918 Ag	Ithaca
Crandall, Norris Ingersoll, B.Arch. Grad.	Ithaca
Crandell, Milton Lee 1917 Ar	Glens Falls
Crane, Albert Loyal, A.B. Sp. M.D. (N. Y. C.)	New York City
Crane, Esther, A.B., A.M. Grad	Kenton, O.
Crane, Francis Eugene 1915 L	Dover, N. J.
Crane, Frederick Wilson 1918 C	Buffalo
Crane, Marion Delia, A.B., A.M. Grad	Providence, R. I.
Crane, Rosetta La Verne Spec Ag	Cincinnati
Crane, Walter Brainerd 1918 Ag	Dover Plains
Cranmer, Julian Thomas 1918 Ag	Sheshequin, Pa.
Craver, Lloyd Freeman 1915 A 1918 M.D.	Albany
Crawford, Albert Sturges, B.S. 1915 M.D. (N. Y. C.)	Claremont, Calif.
Crawford, James Alfred 1915 Ag	Buffalo
Crawford, William Lee 1917 M	Erie, Pa.
Creifelds, William, jr. 1915 Ag	Brooklyn
Crim, William Doolittle 1917 Ag	Utica
Crispell, Raymond Solomon 1917 A	Kingston
Crissey, John Charles 1917 Ag	Glenwood, N. J.
Crittenden, Charles Glenn, B.S. Grad	Ithaca
Crocco, Albert Richard 1916 Ag	Brooklyn
Crocco, Walter Cyril 1918 Ag	Brooklyn
Cocheron, LeRoy Edge 1916 L	Jersey City, N. J.
Crocker, Roy Palmenter 1915 Ag	Venice, Cal.
Cromwell, Oliver Frank Woolley, B.S. Grad	Newburgh
Cronan, Clifford Broderick 1915 M	Shelburne Falls, Mass.
Crook, Clement Earl 1916 C	Wheeling, W. Va.
Croop, Allen Bennett 1918 M	Berwick, Pa.
Cropsey, Jaques Van Brunt 1917 M	Brooklyn
Crosby, Birdina, B.S. 1917 M.D. (N. Y. C.)	Brocton
Crosby, Joseph Fenton 1915 V	Penn Yan
Crosby, Willard McNeil 1915 Ag	Lockport
Crosley, Archer Phlegar 1916 Ag	Oak Lane, Pa.
Cross, Gerald Francis 1919 M	Indian Lake
Croucher, Altus Potter 1917 M	Newark, N. J.
Crowe, Lester Pierce 1915 V	LaFayette
Crowell, Harold Olin 1917 Ag	Centerville
Crowell, Melvin Gleason, A.B., A.M. Grad	Belfast
Crowley, Jeremiah Anthony 1919 M	Arlington, Mass.
Cucurullo, Frank 1915 L	Brooklyn
Cuervo y Troy, José Faustino 1918 C	Ithaca
Cuffe, Frances Isabel 1917 A	Watertown
Culbertson, Albert Lewis 1917 A (Chem)	Mt. Vernon, Ohio
Culbertson, George Thomas 1915 A	Mt. Vernon, Ohio
Culbertson, William James 1915 C	Austin, Texas
Culkin, William Anthony 1918 A	Duluth, Minn.
Cullinan, Frank Patrick 1917 Ag	Stanley
Cullinan, William Howell 1916 A	Madison, N. J.
Cullum, Rudolph Lüttgen 1915 M	Meadville, Pa.
Cummings, Edward 1917 C	New York City
Cummings, James Howell, jr. 1918 A	Philadelphia, Pa.
Cundall, Harold Chester 1915 M	Webster Groves, Mo.
Cunningham, Secor, jr., Ph.B. 1915 M	Chicago, Ill.
Curran, Arthur Bernard 1916 L	Clyde
Curran, Stanley Thompson 1916 A	New York City
Curtis, Frank Reid 1916 L	Brooklyn
Curtis, George Terry, A. B. Grad	Plattsburg
Curtis, Howard Joseph 1916 Ag	Deposit
Curtis, Josephine Nash, B.A., M.A. Grad	Machias, Me.
Curtis, Otis Freeman, A.B. Grad	Oberlin, O.
Curtis, Ralph Wright, B.S.A., M.S. in Agr. Grad	Ithaca
Curtiss, Leon Francis 1917 A	Cohocton
Curtze, Frederick August 1918 M	Erie, Pa.
Cushing, Albert Augustus 1917 Arch	Ithaca
Cushman, Harland Burbank 1916 M	Yonkers
Cusick, James Thomas, B.S. Grad	Ithaca
Cuthbert, Winslow Ridge 1915 L	Tuckahoe

Cutler, Paul Colman 1917 Ag	New York City
Cutolo, Francis, jr. 1918 A	Jamaica
Dailey, Bernard Clark 1917 C	New York City
Dain, Bryant Depew 1918 Ag	Peekskill
Dall, Jes Jessen, jr. 1916 Ar	Brooklyn
Dalrymple, Charles Orson, B.S. Grad	Ithaca
Dalrymple, David Bennett Hill 1916 V	Otselic
Dalton, James Walton 1918 A (Chem)	Gouverneur
Dalton, William Edward 1915 A (Chem)	Holyoke, Mass.
Daly, LeGrand Francis 1917 Ag	Los Berros, Cal.
Daly, Walter Philip 1916 C	Olean
Dalzell, Arthur Herbert 1918 M	Lynn, Mass.
Damsky, Charles David 1917 M	Utica
Dana, Charles Styles 1917 Ag	Kingston
Danenhower, Donald 1917 Ag	Haddonfield, N. J.
Danforth, Thomas Fullager 1915 C	Dunkirk
Daniels, John Alden 1918 L	Buffalo
Daniels, Percy Nurse 1915 C	Richmond Hill
Dann, Archie Byron, B.S. Grad	Ithaca
Dann, Hollis Hanford 1917 A (Chem)	Ithaca
Danser, Harry Root 1917 Ag	Skaneateles
Darby, Albert Morley, B.S. in E. 1917 L	Philadelphia, Pa.
Darling, Edna Louisa 1917 Ag	Binghamton
Darrington, Paul Newman 1915 M	Baltimore, Md.
Darrow, Daniel Cady 1916 A	Fargo, N. Dak.
Darrow, Edith Mary, A.B. Grad	Chester Depot, Vt.
Darrow, Wayne Hiram 1916 Ag	Lakewood
Darville, Ruth 1915 A	Brooklyn
Dassance, Leland Grant 1915 V	Newfield
Davenport, Seymour William 1916 Ag	Elmira Heights
Davidson, Morris 1918 Ag	New York City
Davidson, Benjamin Goodell 1916 M	Sault Ste. Marie, Mich.
Davidson, Philip Langford 1918 A (Chem)	Scranton, Pa.
Davies, Arthur David 1917 Ag	Congers
Davies, Niles Meriwether 1916 Ag	Congers
Davis, Adam Clarke, jr., M.E. Grad	Goldsboro, N. C.
Davis, Allan Irvine 1915 M	Milton, Pa.
Davis, Asa 1918 Ag	Owego
Davis, Bryan Sterling 1918 Ag	Elmira
Davis, David Herman 1917 M	Newark, N. J.
Davis, Donald Gordon 1917 C	Utica
Davis, Edwin Wood, A.B. 1915 Ag	Rochester
Davis, Erwin Mayham 1918 A	Walton
Davis, Frederick Archibald, jr. 1915 Ag	Fort Edward
Davis, George Elton 1917 A	Charlotte
Davis, Henry Kennedy, A.B., A.M. Grad	St. Johnsville
Davis, Herbert Haywood 1917 A	Omaha, Neb.
Davis, John Ransford 1915 M	Norwich
Davis, Merritt James, B.Chem. Grad	Dunkirk
Davis, Norman Bruce, B.Sc., A.M. Grad	Kingston, Canada
Davis, Ralph Currier 1916 M	Mohawk
Davis, Ralph Dayton 1918 M	Port Jefferson
Davis, Roscoe Erle 1915 V	Morris
Davis, Russell Joseph Spec Ag	Harrison
Davis, Ruth Eaton 1917 Ag	Livonia
Davis, Samuel 1918 Ag	New York City
Davis, Thomas Wallis, B.S. 1918 M.D. (N. Y. C.)	Utica
Davis, Victor Hugo, Ph.B. Grad	Alfred
Davis, William Gurlery 1917 M	Mexico
Davison, Lyman Warren 1916 A	Cedarhurst
Davisson, Cyrus Gibson 1917 Ag	Brooklyn
Dawson, George Linton 1918 Ag	Geneva
Day, Emmons Davis 1917 Ag	Ellington
Day, Frank Halbert 1915 Ar	Sidney
Day, (Mrs.) Gertrude Luxon 1916 Ag	Ithaca
Day, Harold 1917 C	Mexico
Day, Harold Wilder Spec Ag	Canandaigua
Day, Helen Margaret 1918 A	Buffalo
Dayton, Kenneth 1917 L	Winsted, Conn.
Dean, Archie Leigh, jr., B.S. 1917 M.D. (N. Y. C.)	Brooklyn
Dean, Elizabeth, A.B. Grad	Falmouth, Mass.
Dean, Floyd Dudley 1915 Ag	Springville
Dean, Gertrude Blanch 1918 Ag	Ithaca
Dean, Louise True 1918 A	N. Tonawanda
Dean, William Lincoln 1918 Ag	New York City
DeAndrea, Diletto Joseph 1918 Ag	Brooklyn
Deane, Clarence Nielson 1916 V	Ithaca
Deans, William, jr., M.E. Grad	Ithaca
Deatrick, Eugene Peyton, A.B. Grad	Kutztown, Pa.
De Baun, Milton 1917 L	Haverstraw

- Decker, Nelson 1917 Ag
 Decker, Pearle Viola 1915 Ag
 DeCurtins, Frederic Anthony Spec Ar
 Dederer, Elsworth Holman 1916 Ag
 Dederick, Frederic Van Dyck 1917 V
 Dedlow, Carl 1915 M
 Deeds, Harold Trumpler 1917 A
 Degener, Luda May, A.B. Grad
 Degnan, Katharine Helen, A.B., A.M. 1915 M.D. (N. Y. C.)
 De Golyer, Floyd Willard 1915 Ag
 DeGroat, Ruth Margaret 1915 A
 De Groat, Wilson Fields 1917 M
 De Haven, Hugh, jr. 1918 M
 Deibler, Mary Alda 1917 Ag
 Delahanty, Thomas Washington 1917 A (Chem)
 Delaney, Finan Daniel 1918 L
 De Lorme, Alfred China, B.S. in M.E. 1915 M
 Deming, June Charlotte 1917 Ag
 Deming, Robert Treat 1918 A
 Demirjian, Hagop Manauag 1918 Ag
 DeMott, Henry Vroom 1915 Ag
 Dengler, Clifford Howard 1918 Ag
 Dengler, Viola Buchert 1917 A
 Dennelly, Walter Spec Ag
 Denney, John DeWitt, A.B. Grad
 Dennington, Marion Edwin 1916 V
 Dennis, Clark Munroe, A.B. 1915 A (Chem)
 Dennsion, Frank Gray 1915 M
 Denny, Andrew Chambers 1915 M
 Denton, Clarence Sheldon 1918 Ag
 DePorte, Joseph Vital, A.B., A.M. Grad
 Derham, Joseph John, jr. 1917 M
 Derrick, George Webster 1917 V
 Derrick, Karl Townsend 1917 Ag
 Detweiler, Peter Charles Spec M
 De Vany, Norma 1918 Ag
 Dew, Donald Hicks 1915 M
 Dewey, Hartley Greaves, B.S. 1918 M.D. (N. Y. C.)
 DeWire, Lee Frederick 1918 L
 DeWitt, Guy Clark 1917 C
 DeWitt, John 1917 C
 Dewsnap, Stanley 1915 M
 Dewson, Inglee Ball 1918 Ag
 DeYoe, Leon Ephraim, A.B. 1915 M D. (N. Y. C.)
 Diamond, Michael Saul 1917 Ar
 Dibble, George Turner 1918 Ag
 Dicker, Harry Aaron 1915 A
 Dicker, Louis, B.S. Grad
 Dickey, Marie Therese Genevieve 1918 A
 Dickinson, Julian Allen 1917 C
 Dickinson, Prescott Reuben 1917 A (Chem)
 Dickson, George Manville 1918 M
 Dickson, Helen Kathryn 1918 A
 Diederichs, Hugo N. 1917 M
 Diefenbach, William Theodore 1915 A (Chem)
 Diercks, Henry Conrad 1916 A (Chem)
 Dietrich, Arthur Max 1918 C
 Dietrich, Henry 1917 Ag
 Dilts, Douglas Schulhaus 1917 Ag
 Dimijian, Aram Houssig 1917 C
 Dimmick, Forrest Lee 1915 A
 Dimmick, Ruth Laura 1915 A
 Dinnerstein, Nathan 1917 C
 Dittman, Charles Emanuel 1918 M
 Dittmar, Albert Louis 1918 C
 Divine, Walter Eber, B.S. 1918 M.D. (N. Y. C.)
 Dix, Edgar Hutton, jr., M.E. Grad
 Dixon, John Edward 1916 L
 Dixon, Russell F. 1917 Ag
 Dixon, Wesley Moon 1918 A
 Djang, Yuan Shan 1915 A
 Doan, Donald Bentley 1917 Ag
 Doane, Harold Seeley 1915 Ag
 Dobbs, Albert Blake 1917 M
 Dobrosky, Ernest Daniel 1917 A (Chem)
 Dobson, Lindley, M.D. Spec M.D. (N. Y. C.)
 Dodd, Helm Northell Spec M.D. (N. Y. C.)
 Dodge, Frederick Perkins 1918 A
 Dodge, Harold William 1918 Ag
 Dodge, William Wallace 1915 L
 Doebler, Errol Weber 1915 C
- East Orange, N. J.
 Bainbridge
 Dayton, Ohio
 New York City
 Catskill
 Johannesburg, S. Africa
 Lima, Ohio
 Philadelphia, Pa.
 Providence, R. I.
 Gloversville
 Piermont
 Nichols
 Brooklyn
 Shamokin, Pa.
 New York City
 Fairbanks, Alaska
 Sumter, S. C.
 Elizabethtown
 Elizabeth, N. J.
 Brooklyn
 Metuchen, N. J.
 New Rochelle
 Philadelphia, Pa.
 New York City
 Columbia, Pa.
 Ithaca
 Ithaca
 Waterbury, Conn.
 Seattle, Wash.
 Wingdale
 Ithaca
 Rosemont, Pa.
 Jordan
 Ithaca
 Temple, Pa.
 Ellenville
 Canastota
 Schenectady
 Dorloot
 Oak Hill
 Parshall, Col.
 Ithaca
 New Rochelle
 Ramsey, N. J.
 New York City
 Lima
 Ithaca
 Ithaca
 Niagara Falls
 Washington, D. C.
 Bangor
 Scranton, Pa.
 Angelica
 Dolgeville
 Utica
 Grantwood, N. J.
 Jersey City, N. J.
 Schenectady
 Lambertville, N. J.
 Adahazar, Turkey
 Ithaca
 Ithaca
 Brooklyn
 Waynesburg, Pa.
 Williamsport, Pa.
 Brooklyn
 Roland Park, Md.
 Ithaca
 Boonton, N. J.
 Oak Park, Ill.
 Tientsin, China
 Binghamton
 Pittsford
 Ithaca
 Yonkers
 New York City
 New York City
 Toledo, Ohio
 Buffalo
 Los Angeles, Cal.
 Williamsport, Pa.

- Doerr, Edwin Philip 1918 Ar
 Doetsch, Irving Haier 1918 Ag
 Doggett, William Henry 1916 Ag
 Dohrmann, William Frederick 1918 M
 Doing, Mahlon Benjamin 1916 L
 Dole, Arthur, jr. 1915 A
 Dole, John Luther 1918 A
 Donaldson, Cortlandt Beekman 1917 Ag
 Donaldson, Herbert Lansing 1917 A
 Donaldson, John Malcolm Spec A
 Donley, Raymond Pierre Spec L
 Donlon, Joanna Margaret 1918 A
 Donnell, Newman Ross, M.D. Sp. M.D. (N. Y. C.)
 Donovan, Joseph Raymond 1915 A
 Doolittle, Sidney Clark 1918 Ag
 Doremus, Russell Jacobus 1919 C
 Dorn, John Richard 1915 Ag
 Dornbach, Earle Eugene Rolland 1915 C
 Dorrance, George Wright 1915 M
 Dorrance, Neil Hill 1918 C
 Dorsey, Moses Hyghdeen 1916 Ag
 Dougall, Catharine, N.D.D. 1915 Ag
 Dougan, Edward Hartley 1918 M
 Dougher, James Albert 1917 Ar
 Dougherty, Holden Manchester 1918 A
 Douglas, Gertrude Elizabeth, A.B., A.M. Grad
 Douglass, Dorothy 1915 A
 Douglass, Edmund Latham, A.B. 1916 M.D. (N. Y. C.)
 Douglass, Herbert Stiles 1918 Ag
 Douglass, Kenneth Roland 1915 A (Chem)
 Douglass, Will A. 1915 A
 Dow, Hezekiah Shailer 1915 C
 Dowd, John Donald 1917 A
 Downe, Hamilton Borden 1915 M
 Downer, Ira Norman 1918 Ag
 Downing, Frank Guignon 1918 Ag
 Downing, Frederick Baxter 1916 A (Chem)
 Downs, Lynwood Gifford, A.B. Grad
 Doyle, Arthur William 1915 A
 Doyle, Roberts Armstrong 1915 A
 Drabelle, Philip George 1917 Ag
 Drake, Frederick Lewis 1918 C
 Drake, Lloyd Benjamin, Ph.B. 1915 A
 Drake, William Kenyon 1916 Ar
 Dreschler, Meyer 1915 C
 Drescher, Herbert Carlton 1918 Ag
 Drescher, Theodore Bausch 1918 M
 Driscoll, James Francis 1917 C
 Driscoll, John Girard 1919 M
 Driver, Wilbur J. 1918 M
 Drummond, Alexander M., A.B., M.A. Grad
 Duane, Joseph Francis, M.D. Spec M.D. (N. Y. C.)
 Duba, John, jr. 1915 C
 DuBois, Lester Wells 1918 M
 Du Cassé, Francis Kilian 1918 A (Chem)
 Duckham, William Albert 1917 Ag
 Dudley, Fannie Hinchman 1915 A
 DuFloo, John Roscoe 1917 Ag
 Dugan, Thomas Henry, jr. 1917 A
 Dunbar, Clarence William 1918 Ar
 Duncan, Charles Eugene 1918 Ag
 Dunham, Carroll Kenneth 1918 Ag
 Dunham, Cleon Leslie, jr. 1917 Ag
 Dunham, DeWitt Upham 1917 Ag
 Dunlap, Harry Wade, jr. 1918 A
 Dunn, Darwin Warren 1915 Ag
 Dunn, George William 1918 L
 Dunn, Percy Lawrence 1916 Ag
 Dunnegan, John 1916 A
 Dure, Henry Franklin, 3d 1916 A (Chem)
 Durfee, Rufus Lee 1917 A
 Durham, Frank Judge 1917 A
 Durkan, Thomas Martin 1916 M
 Durland, Charles Clark 1916 A
 Dutcher, Frederick Harris 1917 M
 Dye, Daniel Sheets, B.S. Grad
 Dye, Marvin Rood 1917 L
 Dyer, Clarence Herbert 1916 M
 Dynes, Oliver Wesley, B.S., M.S. in Agr Grad
 Eagles, Reginald Harrison 1915 A
 Chicago, Ill.
 Hamburg
 Dedham, Mass.
 Covington, Ky.
 Brooklyn
 Chicago, Ill.
 Chicago, Ill.
 New York City
 Malone
 Fairfield, Conn.
 Seneca Falls
 Utica
 St. Louis, Mo.
 Richmond Hill
 Utica
 Newark, N. J.
 Sandusky, Ohio
 Mechanicsburg, Pa.
 Houston, Texas
 Camden
 Binghamton
 Pretoria, S. Africa
 New York City
 Spokane, Wash.
 Evanston, Ill.
 Gardner, Mass.
 Washington, D. C.
 Groton, Conn.
 Cape May Court House, N. J.
 Northumberland, Pa.
 Ionia, Mich.
 Brookline, Mass.
 Salamanca
 Berlin, Germany
 Orange, N. J.
 Richmond Hill
 Woodhaven
 Mattituck
 Akron, O.
 Little Rock, Ark.
 St. Louis, Mo.
 Hazletown, Pa.
 Erin
 Kingstown
 Brooklyn
 Brooklyn
 Rochester
 Ithaca
 Salem, N. J.
 New York City
 Auburn
 Peoria, Ill.
 Hamilton, Ontario, Canada
 Brooklyn
 New York City
 Pittsburgh, Pa.
 Middletown
 Sodus
 New York City
 Cleveland, Ohio
 Brooklyn
 Portland, Me.
 Lebanon
 Lebanon
 Pittsburgh, Pa.
 Glens Falls
 East Greenbush
 Ithaca
 Bolivar, Mo.
 Wilmington, Del.
 Binghamton
 Chicago, Ill.
 Skaneateles
 Middletown
 Montclair, N. J.
 Boston, Mass.
 Forestville
 Honolulu, H. T.
 Fargo, N. D.
 Madison, N. J.

- Eakle, Edward Harmon 1918 A
 Eakle, John Chester 1917 Ar
 Earnshaw, Ralph 1917 M
 Eastman, Roger 1918 Ar
 Eastman, William Bently 1917 Ag
 Eastman, William Henry 1917 A
 Eastwick, Joseph Lees 1918 M
 Eaton, Harry Augustus Fricka 1916 Ag
 Eaton, Orson Northrop 1917 Ag
 Ebaugh, Lionel Albert 1917 M
 Ebberts, Alfred Raymond 1918 A (Chem)
 Ebersole, Chapman 1917 A
 Eckley, Harold James 1918 M
 Eckley, Paul Witherspoon 1917 A
 Eddy, Wilton Nathaniel 1916 M
 Edelman, Leo, A.B. 1915 M.D. (N. Y. C.)
 Edgerton, William Franklin 1915 A
 Edmiston, Hugh Caldwell, jr. 1915 A
 Edmunds, Robert Curliiss 1918 C
 Edsall, Millard Jacob (Spec L) Spec A
 Edwards, Clifford Conklin 1916 A
 Edwards, Frances DeMaris 1915 Ag
 Edwards, Harry Moore, jr. 1918 M
 Edwards, James Leland 1917 Ag
 Edwards, Llewellyn Harrison 1915 C
 Edwards, Louis Robert Joseph 1917 A
 Edwards, Marguerite Warren 1918 A
 Edwards, Robert Davis 1915 Ag
 Edwards, Robert Dean 1915 Ag
 Edwards, Robert Fielding 1917 C
 Egan, Harold Aloysius Joseph 1919 C
 Egan, Jean Honora 1918 A
 Egbert, John Peter 1918 Ag
 Egbert, Perry Townley 1915 M
 Eger, Bernard Albert 1918 Ag
 Eggleston, Jere Dudley 1916 A
 Ehricke, Karl Nicholas 1918 Ag
 Eichenbaum, Louis 1917 L
 Eichler, Curt 1917 Ag
 Eilenberger, Charles Frank 1916 C
 Eilenberger, John Thomas 1918 M
 Einstein, Howard Clarence 1915 M
 Eisele, Werner William 1916 Ag
 Eisenbeis, Edwin Alvin 1916 A
 Eisenbeis, Herbert Oscar 1918 M
 Eisenbeis, Percy Oliver 1915 A
 Eisenbrown, Robert Wentzel 1916 Ag
 Elder, Ernest Exley 1916 M
 Eldred, Arthur Rose 1916 Ag
 Ellenberger, Howard Bowman, B.S.A. Grad
 Elley, Harold Walter, B.Sc., M.A. Grad
 Elliott, Felix Angus 1917 A
 Ellis, Bertha Maude 1917 A
 Ellis, Jesse Crounse 1918 Ag
 Ellis, William Otterbein, A.B., M.S. Grad
 Ellms, William Victor 1915 Ag
 Elmdendorf, Hugh Merle 1917 M
 Elsas, Norman Emerson 1918 M
 Elston, Ellsworth David, A.B. Grad
 Ely, Henrietta Prudence 1918 A
 Emerson, Alfred Edwards 1918 Ag
 Emerson, Stuart Baker 1916 Ag
 Emich, Harris Crawford 1917 M
 Emory, George North 1918 M
 Engel, Louis Abraham 1918 A (Chem)
 Engelder, Carl John, A.B. B. Chem. Grad
 English, Gwendolen 1916 A
 English, Leah 1918 Ag
 Ennis, George Sparks 1916 Ag
 Ennis, Hugh John 1916 Ag
 Eppleur, Charles, jr. 1916 C
 Epstein, Nathan 1916 Ag
 Erde, Herman William 1916 Ag
 Ernst, Lester 1917 Ar
 Erwin, George Lemuel, jr. 1917 M
 Eschweiler, Alexander Chadbourne, jr. 1915 Ar
 Eschweiler, Carl Ferdinand 1918 Ar
 Escoll, Morris Julius 1916 Ag
 Esser, Verner Herman Spec Ar
 Estabrook, Fred Tripp 1916 M
 Estabrook, Harold Charles 1917 M
 Washington, D. C.
 Washington, D. C.
 Manila, P. I.
 Orange, N. J.
 Belleville
 Saginaw, Mich.
 Norristown, Pa.
 Philadelphia, Pa.
 Camden
 Bellevue, Pa.
 Pittsburgh, Pa.
 Cincinnati, O.
 New Rochelle
 New Kensington, Pa.
 Jamestown
 Brooklyn
 Washington, D. C.
 Orange, N. J.
 Denver, Col.
 North Lansing
 East Hampton
 Ithaca
 Glen Ridge, N. J.
 Passaic, N. J.
 Dryden
 Salt Lake City, Utah
 Patchogue
 Passaic, N. J.
 Ithaca
 Brooklyn
 New York City
 Newark
 Ithaca
 Ithaca
 Walton
 Meriden, Conn.
 Albany
 Jersey City, N. J.
 New York City
 Middletown
 Middletown
 Kittanning, Pa.
 New York City
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Reading, Pa.
 Malone
 Rockville Centre
 Ithaca
 Madison, Neb.
 Rochester
 Lockport
 Altamont
 Pullman, Wash.
 Mountain Home, Idaho
 Ithaca
 Atlanta, Ga.
 Ithaca
 Aurora
 Highland
 Lebanon, N. H.
 Arlington, Md.
 Garden City
 Brooklyn
 Ithaca
 Rochester
 Ithaca
 Lyons
 New York City
 New York City
 Brooklyn
 Brooklyn
 Mendon
 Kalamazoo, Mich.
 Milwaukee, Wis.
 Milwaukee, Wis.
 New York City
 Milwaukee, Wis.
 Odessa
 Odessa

- Estabrook, Helen N. 1915 Ag
 Etheridge, William Carlyle, B.Agr., M.S., M.S. in Agr. Grad.
 Etler, Jacob, Ph.G. 1918 Ag
 Etnier, Walter Leslie 1917 M
 Etshokin, Louis 1915 A
 Etz, Katharine 1917 Ag
 Euchner, Perry Christopher 1915 A
 Eulenstein, Hildegard 1917 A
 Evans, Austin Patterson, A.B. Grad
 Evans, Fred Robert 1917 Ag
 Evans, George Bryan, jr. 1915 A
 Evans, Harold James 1917 Ag
 Evans, Howard Eric 1916 A
 Evans, Russell Beaumont 1918 Ag
 Evans, William Henry 1915 C
 Everett, Charles Raymond 1917 L
 Everitt, John Samuel 1917 Ag
 Exance, William Levi, jr. 1918 M
 Eyer, John Robert 1917 A
- Fackiner, Lester Harvey 1919 C
 Fahy, Charles Harold 1916 C
 Faith, Irma Helen 1917 A
 Fanning, Winthrop Coit 1916 C
 Fanslau, Charles Edward 1917 V
 Farber, Nicholas Garry 1917 Ag
 Faris, Edwin Lloyd 1918 M
 Farley, Stephen Raymond 1918 Ag
 Farnham, Laurence Vivian 1918 M
 Farnham, Marshall Everts 1917 Ag
 Farnham, William Hursh 1918 Ar
 Farnsworth, Frederick Clarkson 1916 M
 Farnsworth, Thomas Henderson 1918 Ar
 Farnum, Fae, B.S. Grad
 Farquhar, Roger Vereker (1918 A) 1918 L
 Farr, Louis Rothe 1917 C
 Farrall, Bertrie Adelia, A.B. 1916 Ag
 Farrell, Mark Walter 1918 M
 Fauer, Abraham Nathaniel Spec Ag
 Faulhaber, Florence Alida 1916 Ag
 Faulkner, Frank LaPierre 1916 Ag
 Faulks, Wilfred Webster 1917 Ar
 Fauvre, Julian Maus 1916 A
 Fawcett, George Gifford, B.S. 1915 M.D. (N. Y. C.)
 Fay, Julius Augustus 1918 Ar
 Fay, William Aloysius 1915 A
 Fear, George Obed 1918 Ag
 Federman, Louis 1918 Ag
 Feick, Augustus Lawrence 1916 A
 Fein, Pincus 1917 C
 Feitelberg, Abraham 1917 A
 Feldbaum, Max 1918 Ag
 Feldman, Louis 1917 C
 Felix, Frank Chester 1918 M
 Feller, William 1916 Ag
 Fellers, Carl Raymond 1915 A
 Fellows, Haynes Harold, A.B. 1918 M.D. (N. Y. C.)
 Fellows, William J. Spec Ag
 Fennell, Mary Katherine 1918 Ag
 Fenton, Paul 1915 M
 Ferguson, Albert Barnett 1917 M.D. (N. Y. C.)
 Ferguson, Donald Van Dyck 1917 Ag
 Ferguson, Russell Sweetser 1918 M.D. (N. Y. C.)
 Fernald, Ernest Mercer 1915 M
 Fernandez-Grau, Francisco, jr. 1917 C
 Fernow, Karl Hermann 1916 Ag
 Ferraris, Felix 1916 Ag
 Ferrer, Francisco Jose 1916 C
 Ferris, John Mason 1916 M
 Ferris, LeRoy 1918 M
 Fetterolf, Allen Curtin 1918 A
 Ficken, James Franklin 1918 Ag
 Field, Malcolm Hinrichs 1918 Ag
 Fielding, Franklin Roderick, B.S. 1915 Ag
 Fields, Frank Van Duzer 1918 C
 Fields, Leslie Earl 1918 C
 Filby, Ellsworth Lincoln 1917 C
 Fillebrown, Carter 1916 M
 Finch, Frank Rundio 1918 M
 Finch, Katharine 1918 A
 Finkelburg, Elliott Augustus 1915 C
- Newfield
 Raleigh, N. C.
 New York City
 Chicago, Ill.
 Kewanee, Ill.
 Hornell
 Silver Creek
 Brooklyn
 Ithaca
 Turin
 Philadelphia, Pa.
 Lebanon
 Gaylordsville, Conn.
 Paterson, N. J.
 Nashville, Tenn.
 Kingston
 Sayre, Pa.
 Brooklyn
 Greenville, O.
 West Summit, N. J.
 Rochester
 New York City
 Whitestone
 Middletown
 Hamburg, N. J.
 Brooklyn
 Oxford
 Owego
 Dunkirk
 Buffalo
 New York City
 Washington, D. C.
 Ames, Iowa
 Red Bank, N. J.
 Detroit, Mich.
 Batavia
 Brooklyn
 New York City
 Tuckahoe
 Hancock
 Elizabeth, N. J.
 Indianapolis, Ind.
 Moscow, Idaho
 Washington, D. C.
 Brooklyn
 Dunmore, Pa.
 Yonkers
 Sandusky, O.
 Brooklyn
 New York City
 New York City
 New York City
 Pittsburgh, Pa.
 New York City
 Colosse
 Troy
 Lyons
 Clifton Springs
 New York City
 New York City
 Garden City
 New York City
 Buffalo
 Cienfuegos, Cuba
 Point Breeze
 New York City
 Consolacion del Sur, Cuba
 Pelham
 White Plains
 Wyncote, Pa.
 Highland Falls
 Brooklyn
 New York City
 Binghamton
 Binghamton
 New York City
 Brookline, Mass.
 Retsof
 Ithaca
 Salt Lake City, Utah

Finkelstein, Benjamin	1918 L	Haverstraw
Finkelstein, Isador	1917 Ag	Ossining
Finkelstein, Rubin	1915 Ag	Brooklyn
Finklestein, Joseph George	(1918 A) 1918 L	Albany
Finley, David Henry	1916 C	Kingston
Finney, Walter	1918 M	Ocean Park, Cal.
Fisch, Hyman	1918 L	New York City
Fischer, Harold John	1918 M	Buffalo
Fischer, Richard	1916 Ag	Albany
Fischer, Walter Gordon	1917 Ag	New York City
Fisher, Elizabeth Berger	1918 A	Philadelphia, Pa.
Fisher, Estella Catherine	1915 A	Reynoldsville, Pa.
Fisher, Gertrude Guild, B.A.	1915 M.D. (N. Y. C.)	New York City
Fisher, Gertrude Mae	1918 A	Philadelphia, Pa.
Fisher, Henry Sabine	1917 Ag	Hackensack, N. J.
Fisher, Howard Stockman	1918 M	New York City
Fisher, John Edward	1918 C	Ithaca
Fisher, Leicester Wright	1919 M	Huguenot Park
Fisher, William Harries	1916 Ag	Ashland, Ky.
Fishkind, David	1915 A (Chem)	New York City
Fisk, Lynn Benjamin	Spec Ag	Ellington
Fiske, Frederic Ebell, A.B.	Grad	Ithaca
Fitelson, Jacob	1917 Ar	South Norwalk, Conn.
Fitzgerald, Donald Duncan	1918 M	Roscoe
Fitzgerald, James William	1919 C	Clayton
Fitzpatrick, Frank	1915 C	New York City
Fitzpatrick, Philip Wright	1917 A	St. Paul, Minn.
Flagg, Kenyon Putnam, B.S.	1916 Ag	Albion
Flanigan, George Everett	1917 Ag	Watervliet
Flanigan, John Biddle	1916 A	Yonkers
Flanner, John Howard	1917 M	Evanston, Ill.
Flannery, Edward James	1915 L	Addison
Flannery, Frank John	1916 A	Pittston, Pa.
Flannery, Harold Arthur	1917 A	Addison
Flannery, John Gordon,	1918 L	Beacon
Flansburgh, Earl Alvah	1915 Ag	Hoosick Falls
Fleckenstein, George Anthony	1915 M	Ellenville
Flegel, Clarence Hubert, B.S.	1916 L	LeRoy, Ill.
Fleming, Edith Cuthbert	1916 Ag	Winnipeg, Canada
Flemming, Edwin George, LL.B.	1915 A	Buffalo
Fletcher, Harold Wheelock	1915 M	Richmond Hill
Fletcher, Robert James	1917 A (Chem)	New Britain, Conn.
Fliegelman, David	1918 Ag	Brooklyn
Flitcroft, John Ehret	1916 A	Paterson, N. J.
Flock, Howard Boyer	1917 Ag	Williamsport, Pa.
Flockhart, Marguerite Craig	1918 A	Newark, N. J.
Flood, Edward Paul, A.B.	1917 M.D. (N. Y. C.)	Albany
Flumerfelt, Mabel Luella	1915 Ag	Binghamton
Flynn, William Francis, B.Chem.	Grad	Johnstown
Flynn, William James	1915 A	New York City
Fogelman, Raymond	1917 Ag	New York City
Foley, Walter Raymond	1916 Ag	Utica
Folts, Frank Erten	1917 Ag	Springville
Fonda, Albert Dow	1917 Ag	Fonda
Foot, Benjamin Flagler, A.B.	1916 C	Lockport
Foot, Leonard	1916 M	Jersey City, N. J.
Forbes, Charles Frank	1918 M	Chicago, Ill.
Forbes, Cyril Purcell	1918 Ag	Paterson, N. J.
Forbes, Finlay	1918 Ag	Berlin, Ont., Canada
Ford, Allen Wescott	1916 A	Lacon, Ill.
Ford, Esther	1918 A	New York City
Ford, Francis	1915 A, 1918 M.D. (N. Y. C.)	Jeanette, Pa.
Ford, Hanson Gerard	1917 M	Portland, Me.
Fordyce, Grace	1915 Ag	Pasadena, Cal.
Forman, Horace Baker, 3d	1918 Ag	Kitchawan
Forman, Max	1915 Ag	New York City
Forrester, Edgar Lincoln	1918 Ag	Ogdensburg
Forster, Clarence Edgar	1915 C	Buffalo
Forthoffer, Ernest Rudolf	1917 Ag	Middletown
Fortier, Ernest Cleveland	1918 C	Washington, D. C.
Foss, Frank Kent	1917 A	Chicago, Ill.
Foster, Donald Crofoot	1916 L	Homer
Foster, Eleanor Day	1915 A	Flushing
Foster, Fred	1916 Ag	Owego
Foster, Frederick Vernon	1915 Ag	East Orange, N. J.
Foster, Henry Alden, B.S.	1917 C	South Orange, N. J.
Foster, Jennie Martha Guthrie	1918 L	Portsmouth, Ohio
Foster, Richard John, jr.	1916 A	Brooklyn
Foster, Willard Stillwell	1917 C	Rutherford, N. J.
Foulks, Louis Sinclair, jr.	1916 Ag	Rochester
Fowler, Theodore Ferguson	1915 M	St. Louis, Mo.

- Fox, Daniel Scott, B.S. Grad
 Fox, Kenneth Clark 1916 Ag
 Fox, William Alexander 1917 C
 Fraleigh, Percy Austin 1917 A
 Francis, Charles Davis 1916 Ag
 Francis, Julia Kathryn 1916 Ag
 Frank, Armin Charenton 1917 Ar
 Frank, Milo Ogden 1915 Ag
 Franke, Adolph Otto 1915 V
 Franklin, George Thomas 1917 L
 Frank, Norvin Harry 1919 M
 Franz, Fred Henry 1916 Ar
 Frary, Gladys May, A.B. (Spec Ag) Grad
 Fraser, Allan Cameron, B.S. Grad
 Fraser, Robert Stewart Manzie 1917 Ag
 Frayer, James Marshall 1915 Ag
 Frayer, William Alley, A.B. Grad
 Frazer, Lloyd Seabon 1915 M
 Freda, Francis Joseph 1915 Ag
 Frederiksen, Felix Morse, A.B. Grad
 Free, James Fisher 1916 Ag
 Freedman, Louis 1918 A
 Freeman, Paul Alfred 1916 M
 Freeman, William Roland Miller 1918 Ag
 Frehse, Bertha Kathryn 1918 A
 French, Allen Sidney 1917 A
 French, Thomas Morton 1915 A
 French, William Gilmore 1918 Ar
 Frenkel, Leo Samuel 1918 A
 Freudenheim, Mendel Efrath 1915 A (Chem)
 Freudenthal, David Martin 1916 A
 Freudenthal, Louis Edwin 1916 Ag
 Freund, Joseph 1917 Ag
 Frey, Edward 1917 Ag
 Freyre de Andrade y Escardo, Juan Pedro 1915 C
 Frick, Edwin Jacob 1918 Ag
 Frick, Paul Hilliard 1917 Ag
 Fricke, Richard Felix 1917 Ag
 Friderici, Edwin Daniel 1918 A
 Fried, Herman, M.D. Sp. M.D. (N. Y. C.)
 Fried, Jerome Arthur, M.E. Grad
 Friedel, Jacob Hyman, A.B. Grad
 Fredenberg, Benjamin 1917 C
 Friedenthal, Adolph Louis 1918 A (Chem)
 Friedlander, Frank Victor 1918 A (Chem)
 Friedman, Max Josiah 1918 A
 Friedman, William Frederick, B.S. Grad
 Friend, James Albert 1916 A
 Fries, Madeline 1918 A
 Frisbie, William Zeh 1916 M
 Frischman, Arthur (1919 C) 1918 A
 Fritchie, Albert Foster 1916 M
 Fritz, William Howard, jr. 1915 C
 Frost, Charles Pearsall 1916 C
 Frost, Stuart Ward 1915 Ag
 Frost, Warren James 1917 L
 Frost, Wayland Patterson 1917 Ag
 Fruchtbaum, Jacob 1917 C
 Fry, Jacob Ruth 1915 M
 Fuchs, Jacob 1917 C
 Fuchs, Louis 1917 Ag
 Fujikura, Kenjiro 1917 Ar
 Fuller, Albert Goldie 1918 Ag
 Fuller, Avery Edward 1919 C
 Fuller, Elmer Byron 1915 Ag
 Fuller, Glenn Loren 1915 Ag
 Fuller, Harold VanMarter 1918 Ag
 Fuller, Lillian Day 1916 Ag
 Fuller, Revilo Franklyn 1917 Ar
 Fulton, Albert Scidmore 1918 L
 Fulton, Elizabeth Mills 1918 A
 Funk, Walter 1915 Ag
 Funkhouser, William Delbert, B.A., M.A. Grad
 Funnell, Charles Loomis 1916 M
 Funston, William Howard 1917 Ag
 Fürst, Frederick William 1915 Ag
 Furter, Warner Huszagh 1917 M
 Gaar, Americus Fielding 1918 A
 Gaberman, Louis Yurlic 1915 L
 Gabriel, Harry S. 1915 Ag
 Gaertner, Edward Carl 1916 Ar
 Prattburg
 Hancock
 Brooklyn
 Poughkeepsie
 New York City
 Shamokin, Pa.
 Milwaukee, Wis.
 New York City
 Kahla, Germany
 Ovid
 Chicago, Ill.
 Holyoke, Mass.
 San Diego, Cal.
 Buffalo
 Burlington, Wis.
 Ithaca
 Ithaca
 Mt. Sterling, Ky.
 Calicoon
 Little Falls
 Brooklyn
 Sea Cliff
 Mendham, N. J.
 Carthage
 Westfield
 Cincinnati, O.
 Jamaica
 Jamaica
 New York City
 Elmira
 New York City
 Solomonsville, Ariz.
 New York City
 New York City
 Havana, Cuba
 New York City
 Fleischmanns
 Ebenezzer
 Amsterdam
 New York City
 Ithaca
 Brooklyn
 Brooklyn
 Portland, Ore.
 New York City
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Milwaukee, Wis.
 Brooklyn
 Middleburgh
 New York City
 Slidell, La.
 Berwyn, Pa.
 Poughkeepsie
 New York City
 Irondequoit
 Keene, N. H.
 Mohileo, Russia
 Ephrata, Pa.
 New York City
 New York City
 Tokyo, Japan
 Brooklyn
 Holley
 Cortland
 Philadelphia
 Groton
 New York City
 Winnetka, Ill.
 Johnstown
 Massena
 Elizabeth, N. J.
 Ithaca
 Ithaca
 Schuylerville
 Cornwall
 Chicago, Ill.
 Richmond, Ind.
 Hartford, Conn.
 Rock Stream
 Buffalo

- Gage, William Alexander 1918 Ag
 Gahnkin, Valentine G. 1916 M
 Gail, George William, jr. A.B. 1916 M
 Galbreath, Calvin Russell Spec Ag
 Galbreath, Louis Julian 1917 M
 Gale, John Warrington 1916 M
 Gale, Manly Mason 1918 Ag
 Gallagher, John Francis 1916 Ag
 Gallogly, Edward Judge 1915 Ag
 Gamble, Dean 1917 Ag
 Gantz, Joseph Milton (1917 V) Spec L
 Garb, Gerson 1916 Ag
 Garbarino, Joseph Andrew 1917 M
 Gardiner, John Caldwell Corliss 1917 Ag
 Gardner, Braton Richardson 1916 L
 Gardner, Kenneth Huntington 1918 C
 Gardner, Willetts Walter 1915 A
 Gargiulo, William Randolph 1917 L
 Garland, Chisholm 1919 M
 Garman, Stanley Cortland 1917 Ag
 Garmey, Clifford Ronald 1918 M
 Garnjost, Alexander Hamilton 1917 A
 Gary, Herbert Laird 1919 M
 Gass, Daly Rado 1917 L
 Gates, Copeland Ensign 1917 Ag
 Gates, Edmund Jayne 1915 A
 Gates, John George Spec M
 Gaty, Theodore Emmett, jr. 1918 Ag
 Gavett, Robert Malcolm 1918 Ag
 Gavett, Theodore Osborne 1915 Ag
 Gavin, Joseph Samuel Leo 1915 Ag
 Gayman, Harvey Ellison 1916 Ag
 Gebo, Loren William 1917 Ag
 Geibel, Edward Mark 1915 C
 Geibel, Victor Budd 1918 A (Chem)
 Gelber, Charles 1917 Ag
 Gennell, Charles 1918 A
 Gentzler, Elmer 1917 Ag
 Gentzler, William Jacob 1915 M
 George, Frank 1918 M
 George, Satem Shihadeh, M.A. Grad
 Georgia, Frederick Raymond 1915 A (Chem)
 Gephart, Frank Curtis, A.B. Grad (N. Y. C. Med.)
 Gephart, George Frederick 1916 M
 Gerber, Gustave Augustus 1917 Ag
 Gerhart, Ralph Aaron 1916 Ag
 German, Frank Oppen 1918 M
 Germer, Lester Halbert 1917 A
 Gero, Benjamin, jr. 1918 A
 Gerould, Frank Avery 1915 A
 Gershoy, Alexander Morris 1918 Ag
 Gese, Edward Julius 1916 Ag
 Gibbon, William Rose 1917 M
 Gibson, A. Wright Spec Ag
 Gibson, Heber Howard, A.M. Grad
 Gibson, Irene Mildred 1918 A
 Gibson, Kasson Stamford, A.B. Grad
 Gierke, Alfred Gustav 1917 V
 Giessing, Charles Paul Gustav, A.B. Grad
 Gifford, Grace Melissa 1918 A
 Gilbert, Alexander Joseph 1918 Ag
 Gilbert, Charles Sherwood 1915 L
 Gilbert, Clifford William 1916 Ag
 Gilbert, Winifred Davis 1918 Ag
 Gilcher, Ralph Jacob 1916 M
 Gilchrist, J. Andrew 1916 Ag
 Giles, Roscoe Conkling, A.B. 1915 M.D. (N. Y. C.)
 Gilfillan, Freda Jane 1917 Ar
 Gill, Margaret Raymond (Spec A) 1917 Ag
 Gill, Sadie Agnes 1918 A
 Gill, Walter Hasbrouck 1915 A 1918 M.D.
 Gillcrist, William Aloysius 1915 L
 Gilleran, William James 1918 L
 Gillett, Roy Lewis 1917 Ag
 Gillies, Frederick Montague 1918 A
 Gilman, Charles Frank 1918 Ag
 Gilman, Herbert Lester 1917 V
 Gilmartin, Daniel Thomas, jr. 1918 A
 Gilroy, Walter Emmet 1917 V
 Giltner, Beatrice 1915 Ag
 Giltner, Ethel 1915 Ag
- Johnsonville
 Moscow, Russia
 Baltimore, Md.
 Street, Md.
 Titusville, Pa.
 Washington, D. C.
 Grotton
 Brooklyn
 Albany
 Elmira
 Wilkes-Barre, Pa.
 New York City
 Midvale, N. J.
 New York City
 Montrose, Pa.
 Cleveland, Ohio
 Centre Moriches
 Brooklyn
 Edgewood Park, Pa.
 Canistota
 Brooklyn
 Yonkers
 Ashtabula, O.
 Pittsburgh, Pa.
 Kingston
 Wilkes-Barre, Pa.
 Lancaster, Pa.
 Morristown, N. J.
 Plainfield, N. J.
 Plainfield, N. J.
 Buffalo
 Doylestown, Pa.
 Peru
 Greenwich, Conn.
 Greenwich, Conn.
 Brooklyn
 Harrison, N. J.
 York, Pa.
 York, Pa.
 Rockaway Beach
 Jerusalem, Palestine
 Scranton, Pa.
 Oskaloosa, Kansas
 Mt. Washington, Md.
 Brooklyn
 Quakertown, Pa.
 Waterbury, Conn.
 Canastota
 Manistique, Mich.
 Evanston, Ill.
 New York City
 Buffalo
 Los Angeles, Cal.
 Freehold
 Covert
 Holley
 Norwich
 Weedsport
 Brooklyn
 Ithaca
 Ogdensburg
 Burlington, Iowa
 Rodman
 Elmira
 Danville, Ky.
 Cooperstown
 Brooklyn
 St. Johnsbury, Vt.
 Chattanooga, Tenn.
 East Stroudsburg, Pa.
 Kingston
 Golden's Bridge
 Ellenville
 Colden
 Chicago, Ill.
 Ithaca
 Brooklyn
 Westfield, N. J.
 West Chazy
 Ithaca
 Ithaca

Ginsburg, Harry 1916 L	Elmira
Ginsburg, Samuel 1917 Ag	Brooklyn
Girard, Irene Amelia, A.B. 1915 A	Lafayette, La.
Girouard, Joseph Arthur, M.D., Sp. M.D.	Willimantic, Conn.
Glazer, Michael Herbert, A.B. 1917 M.D. (N. Y. C.)	New Haven, Conn.
Gleason, Carl Robinson 1915 Ag	Groton
Gleason, Edmund Humphrey 1917 Ag	Groton
Glick, Harry Naylor 1916 A	Woodbine, N. J.
Glidden, Charles Clifton 1918 M	Oak Park, Ill.
Glidden, Herbert Harrison 1917 A	Holley
Glose, Robert Louis, B.A. 1915 C	Philadelphia, Pa.
Gluck, Jacob 1917 Ag	Brooklyn
Goddard, Ross Eugene 1919 Ar	Kingston
Godding, William Clarence 1917 V	New York City
Godduhn, Arnold Walter 1918 Ag	Jamaica
Goertz, Herbert Arthur 1917 L	Newark, N. J.
Goldbaum, Jesse Morris 1918 A	New York City
Goldberg, Harry 1918 Ag	Brooklyn
Goldberg, Jacob Samson, A.B. 1918 M.D. (N. Y. C.)	New York City
Goldberg, Louis 1917 Ag	Coney Island
Goldberg, Myron Isaiah 1916 Ag	New York City
Goldberg, Samuel 1916 M	New York City
Goldberg, Samuel Alexander, D.V.M. Grad	Ithaca
Golden, Abraham 1916 A	New York City
Golden, Nelson Garlock 1917 M	Schenectady
Goldfarb, Israel, B.S. Grad	New York City
Goldfarb, Jacob Milton 1915 A, 1918 M.D. (N. Y. C.)	Brooklyn
Goldman, Agnes, A.B., M.A. Spec M.D. (N. Y. C.)	New York City
Goldman, Louis Everett 1918 A	Gloucester, Mass.
Goldman, Maxwell 1917 C	Rochester
Goldsmith, Marc S. 1916 A	New York City
Goldstein, Bessie 1918 A	Buffalo
Goldstein, Joseph 1918 C	New York City
Goldstein, Lemuel Caro 1918 A	New York City
Goldstein, Morris, A.B. 1915 L	Buffalo
Goldthwaite, du Val Radford 1917 A	Montgomery, Ala.
Golinko, Israel 1918 A	New York City
Gonzalez, Carlos 1918 M	Diriamba, Nicaragua
Gonzalez, Paulino Joseph 1918 Ag	El Paso, Texas
Goodier, Harvey Treadway 1918 Ag	Utica
Goodier, Homer Wadsworth 1916 M	Clayville
Goodman, Robert Alexander Barnard 1916 A	Grand Rapids, Mich.
Goodman, William Edward 1917 M	Chicago, Ill.
Goodwin, Arthur Harvey 1918 Ag	Deerfield
Goodwin, Christine Mary 1917 Ag	Berwick, Me.
Goodwin, Harry Lyman 1915 C	Deerfield
Gordon, George 1917 C	New York City
Gordon, Harry 1916 A (Chem)	New York City
Gordon, Robert Bruce 1917 Ar	Brookville, Pa.
Gorman, Neil Archibald 1916 M	Buffalo
Gorton, Raymond Vaughn 1916 V	Binghamton
Gorton, William Tillinghast 1916 A	Danvers, Mass.
Gosline, Mary Helen 1917 A	Aurora
Gothard, Ruth Imogene 1916 A	Memphis, Tenn.
Gould, Clifford Morton 1918 A	Horseheads
Grace, Charles Oliver 1917 V	Dundee
Graef, Harry Hutcheson, jr. 1916 M	Seaford
Graefe, Carl Fred 1915 A	Sandusky, O.
Graeffe, Clara Amelia 1915 A	Brooklyn
Grafman, William 1915 C	Brooklyn
Graham, Robert William, E.E. 1915 M	Carrington, N. D.
Graham, Violet Arvin 1918 A	Richmond, Va.
Graham, Samuel Alexander, B.S. in F. Grad	Minneapolis, Minn.
Graham, William Scott 1916 C	Baltimore, Md.
Grandin, Louise 1918 A	Westfield
Granovetter, Joseph 1918 Ag	New York City
Grant, Duncan Ross 1918 Ag	Elizabeth, N. J.
Grant, Robert James 1917 A (Chem)	Buffalo
Grant, Robert Parks, jr. 1918 L	Clayton
Grant, Sherman Miller 1915 A	Akron, O.
Graves, Charles Hicks 1916 Ag	Sunderland, Vt.
Graves, James de Graffenriede 1917 Ar	Washington, D. C.
Graves, Joseph Napoleon 1917 V	Plattsburg
Gray, Dorothy Millen 1918 Ag	Billings, Mont.
Gray, H. Paul 1917 V	Pine Plains
Gray, Harold Thomas 1916 A	Du Bois, Pa.
Gray, James Andrew 1916 M	Crowley, La.
Gray, James Edward 1918 A	Hamden
Gray, Joseph Howard 1917 C	Elizabeth, N. J.
Gray, Ralph Chapin 1918 M	Honolulu, H. T.
Grayson, Clifford Barker 1916 A	Chattanooga, Tenn.
Green, Alva Isaac, A.B. Spec A	Sumter, S. C.

- Green, Eustace Edward, jr., A.B. 1917 Ag
 Green, John Orne 1915 M
 Green, Lillian Everette 1918 Ag
 Green, Severn Teakle Wallis 1917 C
 Green, Solomon Ambrose 1917 Ag
 Green, William Stuart 1916 M
 Greenberg, David Benjamin, A.B. Grad
 Greenberg, Henry Wolfe 1918 A
 Greenburg, Morris 1916 Ag
 Greenburg, Samuel 1916 Ag
 Greene, James Heath 1916 Ag
 Greene, Stanley Smith 1916 Ag
 Greenstein, Frank 1915 Ar
 Greenwald, Charles 1917 A
 Greenwood, Raymond Crossman 1917 M
 Greiner, Louis, A.B. 1917 M.D. (N. Y. C.)
 Grenier, Marie Josephine 1917 A
 Gresser, Albert Parson 1917 Ag
 Gretter, Garnet Elaine 1917 Ag
 Greuter, Rudolf Ernst 1917 M
 Griesedieck, Alvin Frank 1916 Ag
 Griffin, Edna Mae 1918 Ag
 Griffith, Fred Crumb 1916 A
 Griffith, Jean Paul 1917 Ag
 Grime, John Reynolds 1915 C
 Grimes, Arthur Middleton 1915 Ag
 Grimes, Esther 1918 Ag
 Grimes, Marcia 1918 Ag
 Grimes, Waldo Ernest, B.S. Grad
 Grinnell, Lloyd Garrison 1916 Ag
 Griscom, Ludlow, A.B. Grad
 Griswold, Hayden Leavenworth 1916 C
 Griswold, Ralph Esty 1916 Ag
 Griswold, Truman Hull, A. B. 1915 A (Chem)
 Gromfine, John Jacob 1917 C
 Gross, Cecil Robert 1915 Ag
 Gross, Max 1917 C
 Grossman, David 1916 C
 Grossman, Jacob 1916 Ag
 Grow, Harold Jennings 1918 M
 Grumman, Leroy Randle 1916 M
 Gubb, Lawrence Edward 1916 Ag
 Guggenheim, Jack Albert 1918 A
 Guggenheim, Samuel William 1915 A
 Guilbert, Richard Thomas 1917 C
 Guion, Connie Myers, B.A., A.M. 1917 M.D. (N. Y. C.)
 Guise, Cedric Hay, B.S. Grad
 Guldi, Walter Edward 1919
 Gund, Henry, jr. 1915 A
 Gunsell, Carl 1918 A (Chem)
 Gunsolus, Earle Henry 1917 Ag
 Gushee, Marion Washburn 1916 A
 Gutmann, Daniel Nast 1917 A
 Gutsell, Robert Squier 1916 A
 Guyer, Edward Rawson 1915 M
 Gwilliam, Roscoe Chambers 1916 L
- Hackett, George Stuart, jr., A.B. 1916 M.D. (N. Y. C.)
 Hadjopoulos, Lazaros George, A. B. 1915 M.D. (N. Y. C.)
 Haerle, Walter George 1915 L
 Haecker, Julius Henry 1918 C
 Haen, Arthur Gerald 1918 C
 Hagadorn, Maria Louise 1918 Ag
 Hagemann, Christian Frederick 1917 Ag
 Hagen, Albert Montgomery 1917 M
 Hagerman, Dudley Barne Spec Ag
 Hagerty, Raymond Francis 1917 Ar
 Hagstrom, Gosta William 1918 Ar
 Haibloom, Abraham Samuel 1916 Ag
 Haines, George 1917 Ag
 Haines, Lawrence Elias 1918 M
 Hainlin, Gretchen Lina, A.B. Grad
 Hale, Andrew 1916 M
 Hall, Chester Downing 1918 M
 Hall, Edwin Martin 1917 M
 Hall, George Harold, A.B. 1916 L
 Hall, Isaac Fults 1915 Ag
 Hall, Ira Winning 1918 A
 Hall, Lincoln Norcott 1918 Ar
 Hall, Orie Lynn 1916 Ar
 Hall, Perry Oliver 1918 Ag
- Macon, Ga.
 Englewood, N. J.
 Candor
 Baltimore, Md.
 Cambridge
 Chicago, Ill.
 New York City
 Flushing
 New York City
 New York City
 Albany
 Hancock
 New York City
 New York City
 Newark
 New York City
 Buffalo
 Brooklyn
 Kansas City, Mo.
 Saugus, Mass.
 Kirkwood, Mo.
 Ithaca
 Utica
 Chautauqua
 Cazenovia
 Baltimore, Md.
 Philadelphia, Pa.
 Philadelphia, Pa.
 Manhattan, Kan.
 Batavia
 New York City
 Rocky Hill, Conn.
 Warren, Ohio
 Warren, O.
 Buffalo
 Ithaca
 Brooklyn
 Newark, N. J.
 New York City
 East Orange, N. J.
 Huntington
 Batavia
 Cincinnati, O.
 Rochester
 Newark, N. J.
 Charlotte, N. C.
 Findlay, Ohio
 Sayville
 LaCrosse, Wis.
 Johnstown
 Humphrey Center
 Philadelphia, Pa.
 Chicago, Ill.
 Ithaca
 Rock Island, Ill.
 Ogden, Utah
- Fayette City, Pa.
 Nigdéh, Dénéghie, Turkey-in-Asia
 Niagara Falls
 Geneva
 Albany
 Canajoharie
 Yonkers
 Pittsburgh, Pa.
 Southold
 Meriden, Conn.
 Jamestown
 New York City
 New York City
 Slatington, Pa.
 Elizabeth, N. J.
 Akron, O.
 Moorestown, N. J.
 East Orange, N. J.
 St. Johnsville
 Cortland
 New York City
 Chicago, Ill.
 East Dixfield, Maine
 Ridgway, Pa.

Hall, Ralph	1917 Ag	
Hall, Shirley McElroy	1918 A	
Hall, Thomas Dennison, B.A., B.S. in Agr	Grad	
Hall, Willard Johnson	1915 Ag	
Hallberg, Norman D'Este	1918 Ar	
Hallett, Henry North	1917 A	
Halley, Walter Ferguson	1917 A (Chem)	
Hallcock, Archibald Cobb	1918 Ag	
Hallock, Avon Curtis	1916 Ag	
Hallock, Carleton Lee	1917 Ag	
Hallock, Harold Coleman	1916 L	
Halpern, Max	1918 A (Chem)	
Halsey, Crawford Cook	1918 M	
Halsey, Percy Foster	1915 M	
Halsey, Raymond Augustus	1915 V	
Halsted, Robert Maver	1916 Ag	
Ham, Edwin Sleight	1915 Ag	
Ham, John Frederick	1918 Ag	
Haman, Miles Bertine	1915 Ag	
Hambleton, Roscoe Lee	1917 M	
Hamblin, Louis Tucker	1915 M	
Hamburg, Alexander Maxwell	1916 L	
Hamilton, Shepard Murray	1915 L	
Hamm, Fred Jacob	1916 Ag	
Hamm, Otto Henry	1917 M	
Hammond, Fremont Mortimer	1915 A	
Hammond, George Norris	1918 Ag	
Hammond, Girard	1918 Ag	
Hammond, Laurens	1916 M	
Hampson, Edward Albert	1916 M	
Hanau, Nathaniel Austin	1917 M	
Hancy, Anna Jane, A.B.	Grad	
Hand, Edward Everett	1916 Ag	
Hand, Henry Finch	1917 Ag	
Hand, Leslie Townley	1918 C	
Handleman, Henry	1916 Ag	
Handwerger, Harry	1918 M	
Hanemann, Herman Andrew	1917 Ag	
Hanf, Porter Valentine	1915 C	
Hanford, William Walter	1916 Ag	
Hanighen, John Joseph, jr.	1917 M	
Hanna, Chester Wynn	1918 Ag	
Hannley, Francis Matthew	1917 Ag	
Hanrahan, Edward M., jr.	1915 A 1918 M.D.	
Hanson, Charles Walter	1916 Ag	
Harbach, Paul Hyde	Spec Ar	
Hardecker, John Francis	1917 C	
Hardenburg, Earle Volcart, B.S.	Grad	
Hardenburgh, William Gabriel	1916 A	
Hardie, Bradford, jr.	1915 Ar	
Harding, John Phelps	1916 A	
Harding, Watson Giles	1917 A	
Hardinge, Harlowe Templar	1916 M	
Hardy, Paul Sexton	1916 A	
Harmon, Roy William	1916 Ag	
Harn, John Edwin	1915 C	
Harper, Harold Glen	1918 A	
Harriman, Chester Karl	1917 Ag	
Harrington, Carlos Elmer	1918 M	
Harrington, Charles Mason	1915 L	
Harris, Eliot Huntington	Spec M	
Harris, Morgan King	1915 L	
Harris, Naomi, B.A. Spec M.D. (N. Y. C.)		
Harris, Rebecca Stoneman, A.B.	Grad	
Harris, Richard Treat	1918 M	
Harris, Thomas Wilson	1917 C	
Harrison, Allrich Scheper	1917 C	
Harrison, George Hale	1916 Ag	
Harrison, Wilfred Ernest	1917 Ag	
Hart, Austin Sprague	1915 C	
Hart, John	1918 Ag	
Hart, Lewis Raymond	1917 Ag	
Hart, Ronald	1916 M	
Hart, Van Breed	1916 Ag	
Harty, Charles Julier	1916 A	
Hartzberg, William Howard	1915 L	
Hartzell, Albert	1916 Ag	
Hartzog, Justin Richardson, B.S.	1916 Ag	
Harvey, Arthur Ross	1919 M	
Harvey, Carl Clifford, B.S.	1916 M.D. (N. Y. C.)	
Harvey, Julian	1916 M	
	Brooklyn	
	Jamestown	
Lady Brand, S. Africa		
	Canandaigua	
	Chicago, Ill.	
	Canton, Pa.	
Rapid City, S. D.		
	Rochester	
	Riverhead	
	Clayton, N. J.	
	Clinton Corners	
	Brooklyn	
	Southampton	
	Water Mill	
	Islip	
	New York City	
	Verbank	
	Millbrook	
	Reading, Pa.	
	Orchard Park	
	Worcester, Mass.	
	Brooklyn	
	Britton, S. D.	
	Corinth	
Roland Park, Md.		
	Patchogue	
	River Forest, Ill.	
	New York City	
	Evanston, Ill.	
	Baltimore, Md.	
Glen Ridge, N. J.		
	Hayts Corners	
	Brooklyn	
	Laurens	
	Brooklyn	
	Caldwell, N. J.	
	Baltimore, Md.	
	Delanco, N. J.	
San Bernardino, Cal.		
	Dryden	
	Omaha, Neb.	
	Lakeville	
	New York City	
	Binghamton	
	Ithaca	
	Buffalo	
	Brooklyn	
	Brocton	
	Jersey City, N. J.	
	El Paso, Tex.	
	Saranac Lake	
	Saranac Lake	
	New York City	
	Pittsburgh, Pa.	
	East Chatham	
	Baltimore, Md.	
	Delhi	
	Exeter, N. H.	
	Buffalo	
	Plattsburgh	
	New York City	
	Ithaca	
	New York City	
	Ithaca	
	Norwalk, Conn.	
	Athens, Pa.	
	New York City	
	Berlin, Md.	
	Honolulu, H. T.	
	Cleveland, O.	
	Clarksburg, W. Va.	
	Ithaca	
	Brooklyn	
	McLean	
	Newton, N. J.	
	Buffalo	
	Lebanon, Pa.	
	Tecumseh, Mich.	
	Middletown, Ohio	
	Middletown, Conn.	
	Hasbrouck Heights, N. J.	

Harvey, Lew Ellsworth, B.S. Grad	Marathon
Harvith, Sophie Harriett 1918 A	Albany
Harwood, Warner 1916 C	Washington, D. C.
Harwood, Wesley Bigelow 1917 A	Malone
Haseley, Noah Albert 1917 A	Sanborn
Haselton, Philip Hyatt 1915 M	Coshocton, O.
Haskell, Albert, jr. 1915 L	Cortland
Haskell, Alvin 1918 M	New York City
Haskell, Royal Joyslin, B.S. Grad	Rochester, Mass.
Haskins, George Augustus 1916 Ag	Rochester
Hast, Julian Jacob 1915 A	Pittsburgh, Pa.
Hastings, Walcott Brown 1915 A	Holyoke, Mass.
Hatch, Duane Spencer 1915 Ag	Greenwich
Hathaway, John Henry 1917 Ag	New York City
Haug, Chester Amos 1916 Ag	New York City
Haupt, George Daniel 1916 A	Sugar Grove, Pa.
Haupt, Edwin John 1918 M	Cincinnati, O.
Haupt, John Huyle. 1917 A	New York City
Hausman, Louis, B.A. 1916 M.D. (N. Y. C.)	Brooklyn
Hausman, Leon Augustus, A.B. Grad	New Haven, Conn.
Havely, James Campbell, jr. Spec Ar	Portland, Ore.
Havens, William Louis 1916 C	Edmeston
Haviland, John Russell 1916 M	West New Brighton
Hawes, Raymond Preston, A.B., A.M. Grad	Riverside, R. I.
Hawkins, Edward Ruszits 1917 V	Syracuse
Hawkins, Joseph McAlpin 1916 Ag	Syracuse
Hawks, Howard Winchester 1918 M	Glendora, Cal.
Hawley, Catharine Lucy 1916 A	Auburn
Hawley, Douglass Canfield 1916 M	Minneapolis, Minn.
Hawley, Ira Myron, A.B. Grad	Canandaigua
Hay, Francis Wilkinson 1916 M	Newark, N. J.
Hayden, Gertrude Bond 1916 Ag	Wyoming
Haydock, John, 3d 1917 M	New York City
Hayes, Anna Elizabeth 1915 Ag	Ithaca
Hayes, Clarence Reaney 1916 A (Chem)	Cleveland, O.
Hayes, Jeremiah Joseph 1916 C	New York City
Hayes, Scott Russell 1918 M	Toledo, O.
Hayes, Walter Sherman 1918 M	Toledo, O.
Hayner, Charlotte Irene 1917 A	Troy
Haynes, Edward 1915 M	Brooklyn
Haywood, Henry, jr., B.S. 1917 M.D. (N. Y. C.)	New Brunswick, N. J.
Hazen, Leslie Eugene, B.S. Agr. 1916 M	Ithaca
Hazen, Ruth Irene 1918 A	Centralia, Kansas
Hazzard, Charles Bullock 1918 M	Verbank
Heald, Willard Richardson 1918 M	Wilmington, Del.
Healey, William Vincent, A.B. 1916 M.D. (N. Y. C.)	New York City
Healy, Gerald Francis 1915 C	Watertown
Healy, James Hopkins Spec Ag	Sherrill
Hearn, Lester Harrison 1918 Ag	Brooklyn
Hearne, Robert Griffith 1918 A	Chicago, Ill.
Heartfield, Charles Benedict 1915 Ag	Brewster
Heath, Charles Orville 1917 Ag	Rochester
Heath, John Manly 1915 L	Catskill
Hebel, John William, A.B., A.M. Grad	Auburn, Ind.
Hecht, George J. 1917 A	New York City
Hedgcock, Edwin Harvey 1918 M	St. Louis, Mo.
Hedges, William Sherrill Spec Ag	Easthampton
Heffernan, George Paul 1917 L	Wilkes-Barre, Pa.
Heidenheim, Rosalind 1918 A	Brooklyn
Heidt, Charles 1915 C	New York City
Heim, Arthur William, 2d (1918 A) 1918 Ag	Reading, Pa.
Heinicke, Arthur John, B.S. in Agr., M.A. Grad	St. Louis, Mo.
Heinitsh, George Means, A.B. 1915 C	Spartanburg, S. C.
Heinsohn, Edwin Charles 1915 Ag	Mt. Vernon
Heinz, Frederick 1916 A	Mt. Kisco
Heiskell, Hugh McKinney 1918 C	Memphis, Tenn.
Heitmann, Calus Ferdinand 1918 A	Brooklyn
Heller, Joseph Adolph 1917 Ag	Newark, N. J.
Heller, Max Henry 1918 Ag	Brooklyn
Helmick, Ben C., B.S. in Agr. Grad	Washington, Ia.
Hemmings, Harry Howard 1917 C	Brooklyn
Hemphill, Rayburn Weeks 1918 A (Chem)	Akron, O.
Hendee, Robert William 1917 M	Tulsa, Okla.
Henderson, Earl Garrett 1918 M	Bellevue, Pa.
Henderson, Robert Swan Spec Ag	Syracuse
Henderson, Willis Clifford Spec Ag	Geneva
Hendrick, Horace Holley 1919 C	Wolcott
Hendricks, George 1915 M	Lead, S. Dak.
Hendricks, Harold Davis, A.B. Grad	Jamestown, Ind.
Hendricks, James Franklin, A.B. 1915 M	Sherman, Tex.
Hendrickson, Bertram Higbie 1915 Ag	Chatham

- Hendrickson, Robert Edward 1915 A
 Henn, Edwin Charles 1915 M
 Henry, Clifford Ottley 1917 Ag
 Henry, Frank Charles, jr. 1918 A
 Henry, Mary Francis, A.B. Grad
 Hequembourg, Arthur William 1918 M
 Hequembourg, James Treadway 1917 M
 Herman, Abraham 1918 Ag
 Hernandez, Julio 1918 Ar
 Hernandez-Orpi, Enrique, 1918 C
 Herr, Joseph 1918 Ag
 Herrick, John Knapp 1917 Ag
 Herrmann, David 1917 M
 Herskowitz, Louis 1918 M
 Hertel, Frederick Ernest 1915 C
 Hertz, Edgar Albert 1917 A
 Hertz, Louis 1915 Ag
 Hertz, Walter 1918 L
 Herzer, Edward Henry 1916 M
 Herzer, Philip Charles 1917 V
 Hespelt, William Charles 1918 Ar
 Hess, Gladys Marion 1917 Ag
 Hess, Seth Gerson 1915 C
 Hetherington, Lyster Meadows 1918 Ag
 Heuer, Fred Henry 1918 Ag
 Heuser, Gustave Frederick 1915 Ag
 Hewett, George Henry 1916 V
 Hewit, Herndon Spec M
 Hickman, Arthur Reynolds 1918 L
 Hicks, Leonard Francis 1916 Ag
 Hiebeler, George Edward 1918 Ag
 Hieber, Evelyn Margaret Caroline 1918 A
 Higby, Clark George 1918 Ag
 Higgins, Walter Edwin 1916 A
 Highhouse, Earl Frederick 1918 M
 Hildebrand, Georgina Elizabeth 1917 A
 Hill, Converse 1918 Ag
 Hill, Dudley Laurance 1918 M
 Hill, Edward Albert 1915 M
 Hill, James Curry 1916 Ag
 Hill, John Walker 1916 M
 Hill, Maury 1917 A
 Hill, Philip Snyder 1918 M
 Hill, Reuben Lorenzo, B.S. Grad
 Hill, Roland Hurdon 1916 Ag
 Hill, Thomas Fuller 1916 A
 Hill, Walker, jr. 1915 A
 Hill, William Avery 1918 A
 Hill, Willard Dimock 1915 Ag
 Hillman, Charles Alan 1917 C
 Hilmer, Herbert Henry 1915 Ag
 Hillebrant, Arthur 1915 M
 Himes, Albert Perry 1917 C
 Hinchman, William Rossiter 1918 M
 Hines, James Wesley 1916 Ag
 Hinkley, Gerald Watson 1915 M
 Hinrichs, Dunbar Maury 1917 Ag
 Hirschfeld, Bernard Jonas (1918 L) (1918 M) 1918 A
 Hirschhorn, Jacob 1917 Ag
 Hirschman, Harry 1916 Ag
 Hiscock, Luther Harris 1916 A
 Hitchcock, Ethel Olivia Hunter, M.D. Grad (N. Y. C. Med.)
 Ho, Yun Luang 1918 C
 Hoag, Isabelle Marguerite 1918 Ag
 Hoag, Ross Locke 1915 Ag
 Hoagland, Richard Kucher 1918 A
 Hoblitzelle, Harrison 1917 A
 Hobson, Alfred Thomas 1915 Ag
 Hock, Harold Leslie 1916 C
 Hock, Howard William 1918 A (Chem)
 Hockenberge, Flora May 1918 Ag
 Hodder, Earl Henry 1916 Ag
 Hodges, Earl Ewers 1917 Ag
 Hodges, Harry Gurdon 1916 V
 Hodgkins, Henry Follett 1915 M
 Hodgman, Arthur Wesley, B.S.F. Grad
 Hodgman, Frank Herbert, jr. 1918 M
 Hoefler, Albert 1916 Ag
 Hoefner, Ferdinand 1917 Ag
 Hofeller, Sigmar Kaiser 1919 C
 Hoffert, David Jay 1915 A
 Bridgehampton
 Cleveland, Ohio
 Canandaigua
 Perth Amboy, N. J.
 Denver, Colo.
 New York City
 New York City
 New York City
 Cardenas, Cuba
 Vuelitas, Cuba
 Brooklyn
 Kingston
 Ithaca
 New York City
 New York City
 Newark, N. J.
 New York City
 Newark, N. J.
 Baltimore, Md.
 York, Neb.
 Johnstown
 Lyons Falls
 New York City
 E. Orange, N. J.
 Bay Shore
 Buffalo
 Delmar
 Hollidaysburg, Pa.
 Kirkwood, Mo.
 New York City
 Woodside
 Utica
 Constableville
 Cleveland, O.
 Titusville, Pa.
 Ridgewood
 Lexington, Mass.
 Peekskill
 Wyoming, N. J.
 Jefferson Valley
 Bridgeport, Conn.
 St. Louis, Mo.
 Oak Park, Ill.
 Springfield, Utah
 St. Louis, Mo.
 Durham, N. C.
 St. Louis, Mo.
 Irondequoit
 Cleburne, Tex.
 Newark, N. J.
 Brooklyn
 Kingston
 Cleveland, O.
 Brooklyn
 Hamburg
 Dunkirk
 Glen Ridge, N. J.
 Southampton
 New York City
 New York City
 Syracuse
 New York City
 Hu-peh China
 Deposit
 Deposit
 Brooklyn
 St. Louis, Mo.
 Stevensville, Mont.
 Goshen
 Cressona, Pa.
 Union Hill
 Johnstown
 Rochester
 Sidney Center
 Syracuse
 St. Paul, Minn.
 Brooklyn
 Elmira
 Brooklyn
 Buffalo
 Harrisburg, Pa.

Hoffman, Arthur Lewis	1918 Ag	Elmira
Hoffman, Allyn Packard	1916 Ag	Elmira
Hoffman, Calista Jane	1918 Ag	Lewiston
Hoffman, Charles Allan	1917 C	Norwich
Hoffman, Ward Nicholas	1915 L	Lewiston
Hoffman, William Albert	1917 Ag	New York City
Hoffman, Wray Bowman	1915 M	Elmira
Hoffmire, John Sherwood	1916 M	Trumansburg
Hofnagle, Harry Herbert	1917 A	Westport
Hofmann, George Robinson	1918 M	Pittsburgh, Pa.
Hogan, Agnes Cecilia	1918 Ag	Ithaca
Hogan, Robert Berne	1918 M	Canton, O.
Hogg, Edith Esther	1917 Ag	Titusville, Pa.
Hohmann, James Tansley	1916 Ag	Brooklyn
Holcomb, Charles Albert	1918 Ar	Binghamton
Holden, Clay Spaulding	1918 A	Endicott
Hollander, Edward, B.S.	Spec M.D. (N. Y. C.)	New York City
Hollenback, Warren	1917 L	Lock Haven, Pa.
Hollenbeck, Beatrice Sarah	1918 Ag	Candor
Hollis, Henry French, jr.	1917 A	Washington, D. C.
Hollister, Eva Irene	1915 Ag	Branchport
Hollister, Marguerite Hamilton	1917 Ag	Ithaca
Holloway, Henry Franklin, jr.	1915 C	Montclair, N. J.
Holmen, Elmer Siegfred	1918 A	Cadillac, Mich.
Holmes, Chauncey Michael Depew	Spec Ag	Cazenovia
Holmes, Francis Relyea	1915 L	Ithaca
Holmes, Jean Dalziel	1916 A	Washington, D. C.
Holmes, John Du Bois	1915 Ag	Ithaca
Holmes, Max Donald	1918 A	Westfield, Mass.
Holsapple, Alethe Alida	1918 A	Hudson
Holsapple, Leonora Stirling	1915 A	Hudson
Holstrom, Enoch Nathaniel	1916 M	St. Paul, Minn.
Holstrom, Harry Leonard	1918 M	St. Paul, Minn.
Holt, Edward Frederick	1917 M	Queens
Holt, Harper Allen	1917 L	Ithaca
Holt, Thomas Baird	1918 C	Ithaca
Holt, William Stull	1918 L	Brooklyn
Holton, Oliver Williams	1918 Ag	Catasauqua, Pa.
Homan, Alfred Glenn	1915 M	Ithaca
Homer, Edward Clark	1916 M	River Forest, Ill.
Honey, Edwin Earl	1916 Ag	Ithaca
Hood, Harrison Porter	1918 A (Chem)	Pittsburgh, Pa.
Hoogland, Benjamin Townsend	1918 A	Brooklyn
Hook, Joseph Stanley, A.B.	Grad	Perris, Cal.
Hooker, Albert Huntington	1918 A (Chem)	Niagara Falls
Hooker, James Louis	1916 A	Watertown
Hooton, Gordon Brooks	1918 L	Terre Haute, Ind.
Hoover, Horace Emery	1918 A	Mechanicville
Hopkins, Edwin F. aser	1915 Ag	Buffalo
Hopkins, Isabel	1917 A	Westfield
Hopkins, Nelson Kerr	1918 Ag	Buffalo
Hopkins, Robert Williams	1918 A	Buffalo
Hopper, Earle Budd	1917 V	Ridgewood, N. J.
Horn, Carl Henry	1915 Ar	Baltimore, Md.
Horn, Howard Fischer, B.Arch	Grad	Lima, O.
Horner, Halsted Steelman	1918 A	Tuckerton, N. J.
Horner, James Richey, jr.	1915 A	Cleveland, O.
Horner, William Wattles	1916 Ar	Cleveland, O.
Ho. nickel, Frank Lute	1916 M	Cleveland, O.
Horton, Anna Frances	1915 Ag	Ithaca
Horton, Harding Fred	1917 Ag	Ithaca
Horton, Hubert Linsley	1916 Ag	White Plains
Horwitz, Walter Milton	1915 L	New York City
Hoskins, Edwin Raymond	(1917 V) Spec Ag	Merrifield
Hosmer, Harriet	1918 A	Buffalo
Hotchkiss, Herbert Vinton, B.S. C.E.	Grad	Philadelphia, Pa.
Hottes, Alfred Carl, B.S., M.S. in Agr	Grad	Ithaca
Houck, Christian Thompson	1915 Ag	Buffalo
Houck, Edward William	1917 A	Buffalo
Houck, Harvey Francis	1917 M	Elmira
Houck, John Edward	1917 Ag	Buffalo
Houck, William Limburg	1915 Ag	Buffalo
Hough, Chester Carroll	1917 M	Clarendon, Va.
Hough, Leslie Seymour	1917 Ag	Brooklyn
Houghaling, DeWitt Clinton	1918 Ag	Riverton, N. J.
Houser, Duncan Prewitt	1916 A	St. Louis, Mo.
Houston, Claude Monroe	1917 M	Wisner
Houston, Philip Douglas	1915 A	Chicago, Ill.
Hovey, Edward A., B.Chem.	Grad	Glens Falls
Hovey, Luke Willis	1917 Ag	Bainbridge
Howard, Austin Raymond	1918 Ag	Candor

Howard, David Joseph 1916 M
 Howard, Delton Thomas, A.M. Grad
 Howard, Ida May 1915 A
 Howard, Lucy Mary 1916 A
 Howard, Lynn 1917 Ag
 Howarth, Everett Frederic 1918 M
 Howe, Eugene Stuart 1917 Ag
 Howe, Frank Byron, jr. 1916 L
 Howe, Harry Beach 1918 C
 Howe, Maurice Wilton 1916 A
 Howe, Thomas Harrold 1917 V
 Howell, George Blaine 1917 L
 Howell, Sidney Preswick 1917 A
 Howerth, Herbert Joseph 1918 M
 Howgate, Henry Otis 1916 Ag
 Howland, Lloyd Emmer 1918 Ag
 Howry, Kirk Wesley 1918 Ag
 Hoyt, David Morris 1915 V
 Hoyt, Douglas Granger 1917 Ag
 Hoyt, James Riccardo 1916 V
 Hoyt, Raymond Earl 1915 Ar
 Hoyt, Raymond Haslam 1915 C
 Hoyt, Stephen Charles 1918 Ag
 Hsieh, Shengtsu 1918 C
 Hu, Minfu Tah, A.B. Grad
 Hu, Shien sung, B.S. Grad
 Hu, Suh, A.B. Grad
 Huang, Chen Hung 1917 A (Chem)
 Huang, Chun-tao 1918 C
 Hubbard, Charles Pitcher 1915 M
 Hubbard, Stanley Tyler 1918 M
 Hubbell, Henry Willard 1918 M
 Huber, Hans 1918 A
 Huber, Harold Vincent 1917 A (Chem)
 Huck, Louis Charles 1917 M
 Huckins, Warren Israel 1918 Ag
 Hudes, Frederick 1918 Ag
 Hudson, Harold Dana 1918 Ag
 Huelsen, Walter August 1917 Ag
 Huerdler, Erich George 1915 Ag
 Hugg, Ivalo Belle 1918 Ag
 Hughes, Ruby Beatrice, A.B. Grad
 Hugins, Charles Roland, A.B. Grad
 Huhn, William John Spec Ar
 Hukill, Henry Durbin 1916 M
 Hull, Edward Francis 1918 A
 Hultzen, Lee Sisson 1918 A
 Hume, Kenneth White 1915 Ag
 Hume, Russell Stuart 1917 Ag
 Hummel, Ferdinand George 1915 M
 Humphrey, Harold Jay 1917 Ag
 Humphrey, Harry Lyman 1916 A (Chem)
 Humphrey, Horace Minear 1918 Ag
 Hunkin, Samuel Everett 1916 C
 Hunt, Charles Maynard 1917 Ag
 Hunt, Ernest Carson, jr. 1917 M
 Hunt, George Atwood Spec Ag
 Hunter, Francis Townsend 1916 Ag
 Hunter, Joseph Ward 1916 M
 Huntington, Maurice Burt 1917 M
 Huntley, Wesley Yeomans 1918 Ag
 Hurd, Milton 1916 Ar
 Hurley, Joseph 1915 Ag
 Hurwitz, Major Jonah 1916 A
 Hutchinson, Colson Beyea 1915 Ag
 Hutchinson, Edmund James 1918 A
 Hutchinson, Robert Addis 1915 L
 Hyatt, James Mead 1918 A
 Hyde, Jed Charles Spec Ag
 Hyde, Jesse Ferris 1917 Ag
 Hyde, Richard Lewis 1916 C
 Hyman, Claude Stanley Spec Ag
 Hymes, William Elias Spec Ag

Icasiano, Abelardo Reyes, A.B. 1916 C
 Iliff, Charles Cox 1916 M
 Ingalls, Robert Dorrance 1917 C
 Ingalsbe, Maurice Parly 1917 L
 Ingerman, Eugenia, A.B. 1916 M.D. (N. Y. C.)
 Ingersoll, Chandler Dymock 1918 Ag
 Ingersoll, Clayton Cashey 1918 M

Buffalo
 Appleton, Wis.
 Brooklyn
 Fulton
 Binghamton
 Fitchburg, Mass.
 Fleischmanns
 Saratoga Springs
 Shortsville
 Fitchburg, Mass.
 Friendship
 Ithaca
 Ithaca
 Shamokin, Pa.
 Greenwich, Conn.
 Shortsville
 Denver, Col.
 Clay
 Syracuse
 Cohocton
 Cleveland, O.
 Stamford, Conn.
 Auburn
 Shanghai, China
 Wushih, China
 Shanghai, China
 Shanghai, China
 Tientsin, China
 Shanghai, China
 Wyncote, Pa.
 Mt. Vernon
 Norwalk, Conn.
 New York City
 Los Angeles, Cal.
 Chicago, Ill.
 Sharon, Mass.
 New York City
 Brooklyn
 Brooklyn
 Buffalo
 Cazenovia
 Gurnee, Ill.
 Ithaca
 Dayton, O.
 Avalon, Pa.
 Fairport
 Norwich
 Brooklyn
 Brooklyn
 San Antonio, Tex.
 Freeport
 Waterbury, Conn.
 New York City
 Cleveland, O.
 Ithaca
 Flushing
 Killawog
 New Rochelle
 Dansville
 Oswego
 Walworth
 Olean
 Glens Falls
 Union Hill, N. J.
 Flushing
 Ithaca
 Utica
 Owego
 Ithaca
 Binghamton
 New York City
 New York City
 New York City
 Manila, P. I.
 Newton, N. J.
 Phelps
 Oakfield
 New York City
 Brooklyn
 Rockford, Ill.

- Ingersoll, Frank Bostwick 1917 L
 Ingersoll, Howard Heberton 1915 M
 Inglee, Charles Rutherford 1918 Ag
 Inglehart, George Gifford 1915 L
 Ingraham, Mark Hoyt 1917 A
 Innes, Donald Fogel 1917 Ar
 Inness, Joseph Kissam 1916 L
 Inscho, Manley Stowell 1918 Ag
 Inselbuch, Samuel 1917 Ag
 Insull, William 1915 M
 Irish, Eugene Jennings, A.B. Grad
 Irish, Harold Enos 1916 Ag
 Irish, Helen Gertrude 1916 Ag
 Irish, Shurly Russell 1918 M
 Irvine, Winifred 1917 A
 Isbell, Charles Woodruff 1916 M
 Isbitz, Louis 1916 A
 Ishkhanian, Mardiros Hovhannes 1918 Ag
 Ittmann, Hans Wilhelm 1916 Ag
 Ivins, Maurice Harvey 1918 M
- Jackson, Earl E. 1918 M
 Jackson, Howard Campbell 1915 Ag
 Jackson, J. Ceylon 1915 C
 Jackson, Sara Townley 1915 Ag
 Jackson, Stuart Deming 1916 A (Chem)
 Jackson, William Brinckerhoff, jr. 1917 M
 Jackson, William Joseph, A.B. 1918 M.D. (N. Y. C.)
 Jacoby, Anna Laura 1916 A
 Jacoby, Russell Drake 1918 Ag
 Jacot, Arthur Paul 1917 A
 Jacox, John Woolworth, B.S. (Grad) 1916 Ag
 Jaeger, William Christian 1918 C
 Jaffin, Joseph Munroe 1917 A (Chem)
 Jaggard, Ernest Plack 1917 M
 Jagger, Alvin Austin 1915 Ag
 Jagger, Cyrus Wickham 1918 M
 Jahn, Alfred Paul 1918 Ag
 James, Chloe Louise 1918 Ag
 James, Geoffrey Minto 1915 A (Chem)
 Jameson, W. H. 1916 Ag
 Jamison, Edward Stein 1916 M
 Jandorf, Sydney Ralph 1915 L
 Janes, Walter Eugene 1917 M
 Jankovski, Aldona Szulpas, M.D. Spec M.D. (N. Y. C.)
 Jannotta, Alfred Vernon 1917 A
 Jansen, Anna Frances 1917 Ag
 Jansen, John Floyd 1915 V
 Jaqua, John Clayton 1915 A
 Jaques, Annie Mary Spec Ag
 Jarrett, Brooke Lessig 1918 C
 Jawetz, Harry 1916 M
 Jay, Harold 1916 C
 Jayne, Lester Hand 1917 L
 Jenanyan, Helena Juhar 1917 A
 Jenkins, David M. 1917 Ag
 Jenkins, Edith Faulkner 1917 A
 Jenkins, Erwin Wheat 1918 Ag
 Jenkins, John Ethbert, B.S. 1916 M
 Jenkins, Raymond 1917 A
 Jenks, Ernest 1915 A
 Jenne, Everett Lincoln 1917 Ag
 Jennings, Arthur Gardner 1918 M
 Jennings, Burton Aaron 1918 Ag
 Jennings, David Stout, B.S. Grad
 Jennings, John Arthur 1918 L
 Jennings, Robert Edward 1918 M
 Jessen, Frederic Alfred 1916 Ag
 Jewett, George Bowers, jr., B.S. in M.E. 1915 M
 Jewett, Rexford Wilber 1917 A (Chem)
 Jewett, William Van Duyn 1916 Ag
 John, Frederick Wallace 1916 M
 Johnson, Chester Phillips 1915 Ag
 Johnson, Donald Southwood 1915 C
 Johnson, Dudley Armstead 1916 Ag
 Johnson, Edgar Blauvelt 1915 A (Chem)
 Johnson, Gertrude Amelia, B.S., M.S. Grad
 Johnson, Harold Osborne 1917 Ag
 Johnson, Howard Eckler, D.V.M. Grad
 Johnson, James Wood 1917 A
 Johnson, Kenneth, Ph.B. 1915 M.D. (N. Y. C.)
- Pittsburgh, Pa.
 Philadelphia, Pa.
 Amityville
 Watertown
 Brooklyn
 Wilkes-Barre, Pa.
 Brooklyn
 Nichols
 Brooklyn
 Pittsfield, Mass.
 Auburn
 Auburn
 Auburn
 Auburn
 Ithaca
 New York City
 Rochester
 Adna, Turkey
 Ithaca
 Langhorne, Pa.
- Florence, Ala.
 Trumansburg
 New Milford, Pa.
 Groton
 Cincinnati, O.
 Silver Spring, Md.
 New York City
 York, Pa.
 Elmira
 Monroe, Conn.
 Ithaca
 Brooklyn
 New York City
 Altoona, Pa.
 East Palmyra
 Southampton
 New York City
 Ithaca
 Eastbourne, England
 Corona, Cal.
 East Orange, N. J.
 Port Washington
 Charlotte
 Brooklyn
 Oak Park, Ill.
 Fonda
 Ithaca
 Winchester, Ind.
 New York City
 Pottstown, Pa.
 New York City
 New York City
 East Setauket
 Philadelphia, Pa.
 New Paltz
 Sidney Center
 Sidney Center
 Manhattan, Kan.
 New Paltz
 New York City
 Gouverneur
 Elmira
 North Pitcher
 Logan, Utah
 Rochester
 Menominee, Mich.
 Elmira
 Macon, Ga.
 Fredonia
 Plainfield, N. J.
 Yonkers
 Ithaca
 Evanston, Ill.
 South Orange, N. J.
 N. Tarrytown
 Chicago, Ill.
 Elmira
 Cherry Valley
 Jersey City, N. J.
 New York City

Johnson, (Mrs.) Margauite Kyle	Spec Ag	Ithaca
Johnson, Marshall Liston	1915 Ag	Kansas City, Mo.
Johnson, Mary Haldeman	1917 Ag	Oneonta
Johnson, Samuel Chester, A.B.	1917 M.D. (N. Y. C.)	Brooklyn
Johnson, Walter Lee, jr.	1918 Ar	St. Louis, Mo.
Johnson, William Elliott	1918 A	Evanston, Ill.
Johnson, William Manville	1915 L	Lowville
Johnson, William Marvin	1916 Ag	Urbana, Ohio
Johnston, Herbert Richard	1917 A (Chem)	Buffalo
Johnston, Orin Spence	1918 M	Chicago, Ill.
Johnston, Walter David	1916 A	Waukesha, Wis.
Johnstone, Hugh Ross	1917 A (Chem)	N. Tonawanda
Jokel, Julius	1916 Ag	New York City
Jones, Arthur Wells	1916 Ag	Buffalo
Jones, Frederick Randolph	1917 Ag	Lexington, Mass.
Jones, Gwendolyn Hope	1918 A	Oradell, N. J.
Jones, Henry Ware, jr.	1918 M	Upper Montclair, N. J.
Jones, Jacob Oscar, B.S.	Grad	Lawrence, Kans.
Jones, Miriam Catherine	1918 Ag	Worcester
Jones, Orrin Pritchard	1915 V	S. Montrose, Pa.
Jones, Paul, jr.	1918 M	St. Louis, Mo.
Jones, Robert Nuttall	1917 Ag	Buffalo
Jones, Robert Ralston, jr.	1918 Ag	Cincinnati, O.
Jones, T. Ralph	1917 M	Eagle Pass, Tex.
Jones, Viola May	1916 A	Jersey City, N. J.
Jones, Vern Reuben, B.S.A.	Grad	Walla Walla, Wash.
Jones, William Milne	1918 C	New York City
Joseph, Ellis	1916 M	New York City
Joy, Allan Rensalaer, jr.	1916 L	Portland, Ore.
Judd, Helen Frelinghuysen	1916 Ag	Ithaca
Judson, Charles Daniel	1916 Ag	Oswego
Judson, Edmund Leonard, jr.	1915 A	New Brighton
Kalfur, Frederick	1915 Ag	New York City
Kammerer, William Charles	1917 M	St. Louis, Mo.
Kamrass, Louis Mark	1918 A (Chem)	New York City
Kane, Elisha Kent	1917 A	Kane, Pa.
Kane, Thomas Leiper, jr.	1916 A	Kane, Pa.
Kaplowitz, Morris	1918 A	Brooklyn
Kardiner, Abraham	1917 M.D. (N. Y. C.)	New York City
Karns, Bonnydell	1916 A	Columbus, O.
Karp, Isidor	1915 A	New York City
Karpoutian, Yervant, B.A.	1916 Ag	Constantinople, Turkey
Karr, Harold Joseph	1918 Ag	Newark, N. J.
Karrakis, Samuel	1918 A	Newark, N. J.
Karsten, Charles	1918 A	Highland Falls
Kasakove, Benjamin	1918 A (Chem)	New York City
Karz, Aaron	1917 Ag	Livingston Manor
Katz, Morris Howard	1917 A (Chem)	Brooklyn
Katzenberg, David Sidney	1917 Ag	New York City
Kaufman, Abraham	1915 C	New York City
Kaufman, Gerald Lynton	1915 Ar	New York City
Kaufmann, Allan Lewis	1917 A	Toledo, O.
Kaufmann, Victor Rossman	1918 L	Far Rockaway
Kaulfuss, Harold Peter	1918 A	Glens Falls
Keane, Leo Augustine	1916 A (Chem)	Ithaca
Keating, Thomas Francis, jr.	1915 C	New York City
Keckelely, Henry Berger, B.S.	1915 Ar	Charleston, S. C.
Keefe, Albert Dennis	Spec Ag	Ithaca
Keefe, Robert Edwin	1917 M	Kingston
Keefe, William Edwin, Ph.B., Ph.M.	Grad	Lancaster, Pa.
Keeler, William Henry, 3d	1916 A	Pittsburgh, Pa.
Keet, Clarence Truman	1915 M	Schuyler Falls
Keim, Edwin Pfaelzer	1918 Ag	Chicago, Ill.
Keller, Clifford Henry	1915 M	Rochester
Kelleran, Harold Carlyle	1915 Ag	Rochester
Kelley, Chester Leon	1917 L	Rockville Centre
Kelley, Harold Roy	Spec Ar	New York City
Kelley, Miriam May	1917 A	Wyoming
Kellogg, Paul William	1919 Ar	Interlaken
Kelly, Grace Elizabeth	1917 A	Fonda
Kelly, Kenrick	1917 C	Baltimore, Md.
Kelsey, Dean Ward	1915 Ag	Franklinville
Kelsey, Genevieve Marie	1917 A	Candor
Kelsey, Marion Cadwell	1918 Ag	Candor
Kelsey, Raymond Turner	1916 L	Cleveland, O.
Kemp, Olin Arthur	Spec Ag	Kirkwood
Kenerson, Albert Scott	1915 Ag	Buffalo
Kennedy, Edmund Thomas	1915 A	Amsterdam
Kennedy, Frank Atkinson	1918 Ag	Pensacola, Florida
Kennedy, Fred Ingham, jr.	1918 M	Erie, Pa.

Kennedy, Harold Clark	1918 L	Hudson
Kennedy, Harold Schwinn	1918 A (Chem)	Franklin, Pa.
Kennedy, John Joseph, B.Chem.	Grad	Ithaca
Kennedy, Raymond Gule	Spec Ag	Avon
Kennedy, Raymond McCormic	1915 Ar	New Brighton, Pa.
Kent, Rodolphus	1916 Ag	Brooklyn
Kent, Winthrop	1915 M	Bronxville
Kenyon, Donald	1917 Ag	Adams
Keogh, George P.	1918 M	New York City
Kephart, Cornelia Ferris, B.S. in Agr., M.S. in Agr.	Grad	Ithaca
Kephart, George Stebbins	1917 Ag	Ithaca
Kephart, Lucy Wheeler	1916 Ag	Ithaca
Kerby, Charles Kenneth	1915 C	Brooklyn
Kerr, Anna Cornell	1916 Ag	Ithaca
Kerr, Duncan Macmillan	1915 M	Northport
Kessler, Henry Howard	1916 A	Newark, N. J.
Kestenbaum, Leo	1918 Ag	New York City
Ketcham, Truman John	1917 Ag	Waterbury, Conn.
Kibbe, Harmon Condit	1916 C	Berkeley, Cal.
Kibby, Loren Sullivan	1918 Ag	Turin
Kilborn, Hazel E. O., B.A.	Grad	Union
Kilbourne, Edwin Ingersoll	1918 Ag	Brooklyn
Kilburn, Clarence Evans	1916 A	Malone
Kilburn, Frank Macready	Spec A	Fort Fairfield, Me.
Kiley, Nicholas Henry	1918 A	Cazenovia
Kilts, Roger Everette	1918 Ag	Canisteo
Kim, Henry Cu	1917 A	Scout, Korea
Kimberly, Arthur Myndert, A.B.	1918 M.D.	Watervliet
Kimes, Robert Hugh	1919 M	Dayton, Ohio
Kimmel, Clare Bryant, (Mrs.)	Spec Ag	Ithaca
Kimmerle, August Gabriel, jr.	1917 L	Sea Cliff
King, Alexander Henderson	1915 M	Ithaca
King, Carlton James	1915 Ag	Glens Falls
King, Carrie Johanna	1917 Ag	Ithaca
King, Fred William	1915 Ag	Ithaca
King, George Joseph	1918 Ag	Ithaca
King, George Stewart	1917 Ag	Ithaca
King, Jessie Louise	1916 A	Ithaca
King, Paul, B.E.	1916 C	Ithaca
King, Phebe Mabel	1918 A	Ithaca
King, Robert Waldo, A.B.	Grad	Ithaca
King, Warren Griffin	1917 M	Ithaca
King, William Charles	1916 M	Ithaca
Kingery, Hugh McMillan, B.A., M.A.	Grad	Ithaca
Kingsbury, Slocum	1915 Ar	Ithaca
Kingsland, Lawrence Douglas, II	1917 C	Ithaca
Kinne, Birge Warner	1916 Ag	Ithaca
Kinnear, Helen Greenaway	1918 A	Ithaca
Kinney, Harold Draper	1918 A (Chem)	Ithaca
Kinney, Will Carleton	1918 A	Ithaca
Kinzey, Bertram York	1918 Ag	Ithaca
Kirchberger, Henry Stern	1915 Ar	Ithaca
Kirk, Harold	1915 A (Chem)	Ithaca
Kirk, William, A.B., M.A.	Grad	Ithaca
Kirk, Winifred	1915 A	Ithaca
Kirkendall, Helen Olivia	1917 Ag	Ithaca
Kirkland, Joseph Brachin	1918 Ag	Ithaca
Kirkup, Charles Edwin, jr.	1915 Ar	Ithaca
Kittrell, James Elwell	1915 M	Ithaca
Kizer, John Floyd	1918 A	Ithaca
Klauber, Henry	1917 L	Ithaca
Klee, Victor La Rue	1916 A	Ithaca
Kleegman, Anna, A.B.	1916 M.D. (N. Y. C.)	Ithaca
Klein, Benjamin	1915 Ag	Ithaca
Klein, Benjamin Samuel	1918 Ag	Ithaca
Klein, John Frederick, A.B., A.M.	Grad	Ithaca
Klein, Millard Alschuler, B.Sc.	Grad	Ithaca
Kleinert, Edwin Waldorf	1917 M	Ithaca
Kleitz, William Lambert	1915 A	Ithaca
Klingelhofer, Edward Kohne	1917 C	Ithaca
Klock, Morgan Becker	1916 Ar	Ithaca
Knapp, Edward Caulfield	1918 Ag	Ithaca
Knapp, Ismond Ellis	1915 A (Chem)	Ithaca
Knapp, Lawrence Carpenter	1917 M	Ithaca
Knapp, Leslie George	1916 Ag	Ithaca
Knapp, Paul	1917 A (Chem)	Ithaca
Knapp, Ralph, A.B.	1915 M	Ithaca
Knapp, Ronald Glenn	1918 Ag	Ithaca
Knapp, Theodore Adelbert	1915 L	Ithaca
Knapp, Thomas Phillips	1917 A	Ithaca
Knapp, Willis Edmonston	1917 Ag	Ithaca

Knauss, Louis Eugene	1916 A (Chem)	Poughkeepsie
Knight, Dorothy Reese	1916 A	Ithaca
Knight, Frank Hyneman, Ph.B., B.S., M.A.	Grad	Ithaca
Knight, Harry Hazel, Pd.B., B.S.	Grad	Ithaca
Knight, Howard Ashley	1916 M	Putnam, Conn.
Knight, John Shively	1918 A	Akron, O.
Knight, Minerva Shelburne, B.A.	Grad	Ithaca
Knighton, Willis Sackett	1918 A	New York City
Knipp, George Lewis	1917 A	Auburn
Kniskern, Margaret	1918 Ag	Deposit
Knowles, Raymond Alonzo	1917 L	Niagara Falls
Knowlton, Frank Lester	1918 M	Laurel, Md.
Knowlton, Harry E., B.S.	Grad	Fennville, Mich.
Knox, Leila Charlton, B.A.	1918 M.D.	Conklin
Knox, Robert Wallis	1917 M	Houston, Tex.
Knudson, Thomas Graham	1918 Ag	Brooklyn
Knudson, William Warren, B.S.	Grad	Brigham, Utah
Kobre, Regina	1918 A	Brooklyn
Koch, Alphonse Daniel	1916 A (Chem)	Middletown
Koch, Balthaser Joseph	1915 Ag	Buffalo
Koch, Catherine Elizabeth, B.S.	Grad	Gowanda
Koch, Henry William	1917 Ag	Hoboken, N. J.
Koch, Joel	1918 Ag	New York City
Kocher, Bruce Pickitt	1915 Ag	North East, Pa.
Kohm, Joseph Anthony	1917 A (Chem)	Ithaca
Kohn, Morton Charles	1916 Ag	New York City
Kohn, Willard Straus	1917 A	New York City
Kolar, Michael John	1917 V	Ithaca
Kolinsky, Harry	1918 A	Brooklyn
Koller, Hermann Michael, B.S., M.D.	Spec M.D. (N. Y. C.)	Minneapolis, Minn.
Koller, Joseph Peter, B.Chem.	Grad	Johnstown
Koller, Lewis Richard	1917 A	New York City
Kolpien, Kenneth Hanchett	1915 A	Ripley
Korff, Harry Otto	1916 C	Baltimore, Md.
Kortright, Warren Post, A.B.	1917 M.D. (N. Y. C.)	Huntington
Koslin, Samuel Harry	1917 Ag	New York City
Kostal, Emile	1917 Ag	Elmsford
Kovacs, Frank	1916 A (Chem)	Danbury, Conn.
Kraetzer, Arthur Furman, B.S.	1916 M.D. (N. Y. C.)	New York City
Kraft, George Lester	1915 C	Washington, D. C.
Kraft, Maurice Morris	1916 A (Chem)	New York City
Kraft, Thomas Squier	1915 A	Brookline, Mass.
Kramar, David Glenn	1915 M	Silsbee, Cal.
Kramer, Francis Joseph	1918 M	Ithaca
Kramer, Kate, Ph.G.	1917 A	New York City
Kramer, Paul Harris	1918 A (Chem)	Gaylord, Mich.
Kratoville, John Charles	1917 A (Chem)	Riverhead
Kraus, Albert Abraham	1917 Ag	New Brighton
Krauskopf, Daniel Melvin	1918 Ag	New York City
Krauskopf, Joseph	1915 Ag	New York City
Krauss, John Samuel	1917 C	Brooklyn
Krebs, Walter Winston	1917 L	Johnstown, Pa.
Kremp, Felix	1915 A	Reading, Pa.
Kress, Walter Jay	1918 L	Johnstown, Pa.
Kreuzer, William Christopher	1917 Ag	Syracuse
Krieg, William Eugene	1915 M	Woodhaven
Krieger, Andrew Edward	1915 L	Salamanca
Krohn, Isidor	1915 A	Utica
Krohn, Ralph	1916 Ag	Utica
Krouse, Robert Louis	1915 M	Cincinnati, O.
Krowl, Charles John	1915 V	Elmira
Kruesi, John	1915 Ag	Schenectady
Krugh, John Adam	1918 A	Kansas City, Mo.
Krum, Olin Clifford	1917 Ag	Ithaca
Ku, Chen	1918 M	Wush, China
Kuchler, Charles Albert	1915 A Grad	Brooklyn
Kuchler, Henry Christian Carl	1918 A	New Rochelle
Kuchler, William Edward	1917 Ag	New Rochelle
Kuhn, Rupert Carroll	1918 Ag	New York City
Kühner, Anna Elizabeth	1917 A	New York City
Kuhns, Herbert Rhoads	1918 M	Dayton, O.
Kuo, Cheng-Chih (1918 C)	1918 M	Kiangsu, China
Kuo, Tuan-Shin, B.S.	Grad	Kiangsu, China
Kurcias, Max	1918 C	New York City
Kurz, Ernst William	1917 C	Tarrytown
Kwok, Yam-Tong	1916 A	Canton, China
La Barre, Norma Vernie	1915 Ag	Ithaca
La Croix, Arthur Edward	1916 C	S. Hadley Falls, Mass.
Lacy, Leslie Verne	1917 Ar	Skaneateles
Ladd, Carl Edwin, B.S. in Agr.	Grad	Ithaca

- Ladu, Roscoe Nelson 1918 Ag
 Lahr, Charles 1915 C
 Laidlaw, James Herbert 1916 A
 Laing, Grace May 1915 A
 Laird, John Evans 1918 C
 Lalley, Walter Rowe (Spec M) Spec A
 Lally, Raymond James 1918 A
 Lamb, Emmerich David 1915 M
 Lamb, Horace Rand 1916 A
 Lamont, John Donald, B.S. Grad
 Lamont, Wilbur Johnson 1916 L
 Lamoureux, Stanislas Albert Sp. M.D.
 Lamphier, Louise Lyman 1918 A
 Landgraf, Dorothy Clark 1918 A
 Landi, Achille 1918 Ag
 Landmesser, William Robert 1917 M
 Landon, Benson, jr. 1917 A
 Landon, Charles Howard 1916 M
 Landres, Arnold Gregory 1916 Ag
 Landt, James Lefferts, M.E. Grad
 Lane, Edward Augustus, A.B. 1916 M.D. (N. Y. C.)
 Lane, Herbert V. 1917 Ar
 Laney, Horace Avery 1917 Ag
 Lang, Sidney Harold 1915 M
 Lange, Parker Raymond 1915 A
 Lanman, George Burnham 1916 M
 Lansing, Charles Treadway 1916 A
 Lansing, Sanford Green 1916 A
 Lardner, James Francis, jr. 1915 M
 Larkin, Bernard John, A.M., M.D. Spec M.D. (N. Y. C.)
 Larkin, Joseph Sylvester, jr. 1918 M
 Larkin, Leo Paul 1917 A
 Larkin, Mary Valentine 1917 A
 Larrabee, Edwin Stevens 1918 Ag
 Larsen, Nils Paul 1916 M.D.
 de Laski, Arthur Bancroft, 1918 M
 de Laski, Edgar Gustave 1917 A
 Lasser, Aaron 1918 L
 Lassiter, Lelia Hamilton 1918 A
 Lathrop, Francis Cumming, 2d 1918 A
 Lathrop, Fred Burr, LL.B. 1915 A
 Lathrop, Louis Heyward 1916 M
 Latshaw, Joseph Bruce, B.S.A. 1916 V
 Lattanzi, Julius Caesar 1916 Ag
 Lattimore, Melva Myrtle 1917 Ag
 Latz, Robert Columbus 1915 M
 Lau, Kwai Cheuk 1918 A
 Lau, Waan Wai, A.B. 1915 C
 Laughlin, Richard Jenkinson 1918 A
 Lauman, Margaretta 1915 A
 Lauritzen, John Irvin, B.S. Grad
 Lautz, Carl Francis 1917 M
 Lautz, Edward George 1915 M
 Lautz, Theodore Van Vleck 1917 M
 Lavadia, Pedro Celestino 1915 Ag
 Lavine, Isador William 1915 C
 Law, Stanley Overholt 1917 M
 Lawrance, Fred William 1918 Ag
 Lawrence, Raymond Elliott 1916 Ag
 Laws, Owens 1917 C
 Lawson, Nora Pauline 1916 A
 Lawton, Aubrey Walter 1918 A
 Lax, Joseph James 1915 A (Chem)
 Lay, Joseph Hill 1918 Ag
 Lazo, Carlos 1918 L
 Lazo, Mario 1916 L
 Lea, Robert Brooke 1916 M
 Leach, Benjamin Robert 1915 Ag
 Lear, Ralph Walter Spec Ar
 Leavitt, Moses Aaron 1916 A (Chem)
 Lebowsky, Harry 1917 Ag
 LeBrun, Hilaire Octave 1918 A
 Lee, Arthur Hurd 1917 L
 Lee, Frank Walton 1915 M
 Lee, Haw Shen 1916 C
 Lee, John William, M.D. Spec M.D. (N. Y. C.)
 Leet, Horace William 1917 M
 LeFevre, Peter Elting 1918 Ag
 Leffingwell, William Murray 1918 A
 Lefkowitz, Samuel 1918 A (Chem)
 Legge, Austin LeRoy 1915 Ag
 Watervliet
 Elmhurst
 New York City
 Buffalo
 Freehold, N. J.
 Bridgeport, Conn.
 Pittsburgh, Pa.
 Washington, D. C.
 Norwalk, O.
 Cortland
 Catskill
 New Bedford, Mass.
 Torrington, Conn.
 Buffalo
 New York City
 Newark, N. J.
 Chicago, Ill.
 Buffalo
 New York City
 Valatie
 Brooklyn
 Brockport
 Buffalo
 New York City
 Spencer
 Columbus, O.
 Tenafly, N. J.
 Tenafly, N. J.
 Davenport, Ia.
 Indianapolis, Ind.
 Pittsburgh, Pa.
 Ithaca
 Atlantic City, N. J.
 Binghamton
 Bridgeport, Conn.
 Weehawken, N. J.
 Weehawken, N. J.
 Newark, N. J.
 Petersburg, Va.
 Wayne, Pa.
 Freeville
 Pike
 Caruthersville, Mo.
 New York City
 Westmoreland
 Tompkinsville
 Hong Kong, China
 Canton, China
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Moroni, Utah
 Buffalo
 Buffalo
 Buffalo
 Pagsanghan, Laguna, P. I.
 New York City
 Pittsburgh, Pa.
 Ogdensburg
 Cleveland, O.
 Baltimore, Md.
 Port Arthur, Ont.
 Hudson Falls
 Brooklyn
 Oil City, Pa.
 New York City
 New York City
 Methuen, Mass.
 Methuen, Mass.
 Wilkes-Barre, Pa.
 Brooklyn
 Brooklyn
 Syracuse
 Manchester, Ala.
 Nashville, Tenn.
 Chekiang, China
 Minneapolis, Minn.
 Fredonia
 New Paltz
 Watkins
 Brooklyn
 Ithaca

Lehrbach, Henry Gardner	1915 C	Buffalo
Lehrbach, Warren Willma	1917 C	Buffalo
Leib, Edward Casper	1915 A	New York City
Leibowitz, Samuel Simon	1915 L	Brooklyn
Leiby, Rowland Willis, B.S.	Grad	Allentown, Pa.
Leighton, Kilburn	1916 M	Syracuse
Leilich, Theodore Franz, A.B.	Grad	St. Louis, Mo.
Leister, Claude Willard	1917 Ag	West Point, Pa.
Leizerkowitz, William	(1918 L) 1919 C	Brooklyn
von Lengerke, Justus von Beust	1917 Ag	Orange, N. J.
Lent, Frank Burdett	1916 L	Ithaca
Leonard, Donald Durie	1918 A	Ridgewood, N. J.
Leonard, George Russell	1917 M	Roseland, N. J.
Leonard, Henry Elcox	1917 Ag	East Orange, N. J.
Leonard, John Vincent	1916 Ar	Ithaca
Leonard, Mortimore Demarest, B.S.	Grad	Ridgewood, N. J.
Leonard, Samuel John	1917 C	Washington, D. C.
Lerne, Herman Bernard	1917 L	Newark, N. J.
Lester, Earl Hewitt	1917 Ag	Auburn
Leung, Chiu-Yuk, C.E.	Grad	Canton, China
Leutenegger, Charles Jacob	1917 V	Buffalo
Levin, Reuben	1918 L	Bennington, Vt.
Levine, Charles	1916 A	Brooklyn
Levine, Joseph	1918 A	Brooklyn
Levinson, Frank Kinsey	1917 A	Indianapolis, Ind.
Levinson, Michael Myer	1916 A	Hartford, Conn.
Levy, Charles Leon	1918 Ar	Wilkes-Barre, Pa.
Levy, Charles Marion	1916 A	New York City
Levy, Frank Mortche	1917 A (Chem)	Buffalo
Levy, Frank Rosenzweig	1918 A	Dunkirk
Levy, Gilbert	1915 L	Brooklyn
Lewis, Alfred Henry	1917 L	Caldwell, N. J.
Lewis, Emily	1918 Ag	Utica
Lewis, John Shanahan	1916 L	Tribes Hill
Lewis, Marion Lavina	1918 Ag	West Pittston, Pa.
Lewis, Virgil A.	Spec Ag	St. Louis, Mo.
Liao, Wei Tzu	1917 C	Foochow, China
Lichtenstein, Benjamin	1918 Ar	Lawrence
Lidell, Don Arthur	1918 Ag	Schuyler Lake
Lieberknecht, Ferdinand Christian	1915 A	Baltimore, Md.
Lieblch, Israel	1917 C	New York City
Liehr, Harry	1917 Ag	Indianapolis, Ind.
Lifschutz, William	1916 Ag	Brooklyn
Lightfoote, Deane Richard	Spec Ag	Geneva
Likly, Henry Kenneth	1917 A	Rochester
de Lima, Plinio	1916 M	S. Paulo, Brazil
Limont, Alexander Walter, jr.	1916 M	Bridgeport, Conn.
Lincoln, Donald	1916 A (Chem)	Cleveland, O.
Lindau, Sigmund Baach	1917 C	Greensboro, N. C.
Lindquist, Frank David	1915 M	New York City
Lindsay, Philip Knowles	1916 M	Ivy Depot, Va.
Lindsley, Eldredge Decker	1917 Ag	E Orange, N. J.
Lindstrom, Ernest Walter, A.B.	Grad	Chicago, Ill.
Ling, Homer Chuen, B.A.	(1918 M) 1918 Ag	Kulangssoo, Amoy, China
Link, Oscar John	1918 Ag	Buffalo
Lippincott, William Leroy	1917 A (Chem)	Hornell
Lippman, Joseph	1917 M	Newark, N. J.
Lipsett, Philip J.	1916 M.D. (N. Y. C.)	New York City
List, Daniel Clarence	1918 M	Washington, D. C.
Litchfield, Edward Harvey	1917 Ag	Ellicottville
Litchfield, William Cyrus	Spec Ag	Ellicottville
Littauer, Frederick Jerome	1918 M	Yonkers
Liu, Cheng-lin	1918 Ag	Hanyang, China
Livant, Charles David	1917 C	New York City
Livermore, Josiah Randall, B.S.	Grad	West Acton, Mass.
Livingston, Arabella Schemerhorn	1916 Ag	Ballston Lake
Livingston, Robert Krohn	1916 M	Cincinnati, O.
Livitiss, Sam	1918 Ag	Podolsky, Russia
Lo, Ying	1917 C	Kiang-Si, China
Lobbell, Arthur Treadway	1916 A	Plattsburgh
Lobbell, Richard Nugent, B.S., M.S.	Grad	Rosedale, Miss.
Lochhead, Anna Jean	1915 A	Philadelphia, Pa.
Locke, Charles Seward	1917 M	Hammondsport
Lockhart, Sidney Burt	1917 A	Salt Lake City, Utah
Lockhart, W. Frank	1916 A	Ridgway, Pa.
Lockwood, Lloyd DePew	1916 M	Hurley
Lodge, Llewellyn Van Alst	1918 Ag	Montgomery
Loeb, Moritz Julius	1918 M	Flossmoor, Ill.
Loeb, Robert Herman	Spec A	Ithaca
Loeffler, Hermann Charles	1916 C	New York City
Loeser, Eugene William	1916 Ag	Buffalo

- Loewe, August Percival 1918 C
 Loewe, Leon 1915 A 1918 M.D. (N. Y. C.)
 Loftin, Edith Le Vancia 1918 Ag
 Logan, Thaddeus Collins 1916 Ag
 Lohr, Lenox Riley 1916 M
 Lokensgard, Melvin Oliver 1915 A
 Long, Alvin Edward 1917 Ag
 Long, Eleanor Tatum 1915 A
 Long, Norman Herbert 1918 C
 Long, Paul Walker 1918 A
 Long, Ping Kwan 1918 Ag
 Long, Tudor Seymour 1915 A
 Long, William Michael 1916 V
 Longwell, Henry Edgar, jr. 1916 A (Chem)
 Loomis, Arthur Laurence 1918 C
 Loomis, John Hervey 1916 A (Chem)
 Loope, John Carlson 1918 Ag
 Lopez, Celso, A.B. 1915 M
 Lopez, Francisco Federico, A.B. 1918 M
 Lopez, John Hinton 1917 M
 deLorenzi, Otto 1916 M
 Losee, George Nash 1916 M
 Loth, William Jefferson 1918 M
 Lott, Henry DeWitt 1915 C
 Loudenslager, Clarke Bernard 1917 Ag
 Loughlin, John Donald 1917 Ag
 Lounsbery, Louis Martin 1918 Ag
 Love, Louis A. 1915 A
 Lovejoy, Harley Martin Spec Ag
 Lowe, Marion Minnie 1917 A
 Lowenfels, Frank 1916 A
 Lu, Feng-Shu 1918 C
 Lu, Yen-Ch' h 1918 M
 Luca, Peter Horatio 1916 A
 Luce, Amy Leone 1917 A
 Luce, Robert Francis 1917 M
 Lucid, Leo Michael 1915 Ag
 Luckings, Margaret Whitney 1918 A
 Ludford, John Edward 1918 C
 Ludington, Franklin Gerald 1918 Ag
 Ludington, Howard Jerome 1917 Ag
 Ludlow, Thomas Harold 1915 A (Chem)
 Ludwig, Edward Earl 1916 Ag
 Lueder, Josephine Augusta 1918 A
 Lukens, Arthur Lewis 1916 Ag
 Lumsden, Mary Florence 1917 Ag
 Lund, Gabriel Emanuel 1917 C
 Lunden, Walter Carl 1916 L
 Lunt, Gurney Alexander 1916 A
 Lurio, Meyer 1918 A
 Luscher, Mary Elizabeth 1918 A
 Luscher, Verena Lillian 1916 A
 Lustberg, Benjamin Herbert 1918 A
 Lutz, Herman Leonard 1917 A
 Lybolt, Lillian Antoinette 1918 Ag
 Lyford, Frederic Eugene, jr. 1916 M
 Lynch, Anita Genevieve 1916 A
 Lynch, Charles Henry 1917 Ag
 Lynch, Howard 1915 Ag
 Lynch, Michael Joseph, B.S. 1916 M.D. (N. Y. C.)
 Lyon, Harold Shepardson 1916 A
 Lyon, Katherine 1916 A
 Lyon, Lowell Thayer Spec Ag
 Lytle, Lowry Raeburn 1916 Ar
 Lyttle, John Dooley, A.B. 1916 M.D. (N. Y. C.)
- Maar, Harry Nicholas 1918 Ar
 Maas, Charles LeRoy 1915 C
 Mabey, Mac Henry 1917 V
 McAllister, John Wardale 1916 C
 McAllister, Peter Alfred 1916 Ag
 McAlpine, Malcolm Wright 1919 M
 McAuliff, John Leon 1917 V
 McBroom, Cassius Remington 1916 M
 McBurney, Mary Marguerite, B.A. Grad
 McCallum, Charles Ray 1918 A
 McCandless, Percival Alexander 1917 M
 McCann, Arthur Fillingham 1916 A
 McCann, Arthur Hubbell 1916 V
 McCann, William Sharp, A.B. 1915 M.D. (N. Y. C.)
 McCargo, Morgan Beebe 1915 Ag
- Danbury, Conn.
 Brooklyn
 Ithaca
 Lyons
 Washington, D. C.
 Sawyer, N. D.
 Olean
 Ithaca
 Baltimore, Md.
 Huntington, W. Va.
 Hong Kong, China
 Summerville, S. C.
 Tully
 New Haven, Conn.
 Omaha, Neb.
 Ithaca
 McGraw
 Salta, Arg.
 Salta, Arg.
 Atlanta, Ga.
 Dallas, Tex.
 Elnora
 Waynesboro, Va.
 Brooklyn
 Quakertown, Pa.
 Brooklyn
 Randall
 Tacoma, Wash.
 Victor
 New York City
 New York City
 Kiang-Si, China
 Anhwei, China
 Hammond, N. J.
 Riverhead
 Woodhaven
 Batavia
 New York City
 Caracas, Venezuela
 Mexico
 Holley
 Ft. Wadsworth
 Pittsburgh, Pa.
 Ithaca
 Ithaca
 Ithaca
 Kristiania, Norway
 Mt. Jewett, Pa.
 Dunkirk
 New York City
 LeRoy
 LeRoy
 New York City
 New York City
 Port Jervis
 Waverly
 Wilkes-Barre, Pa.
 New Hampton
 Brooklyn
 New York City
 Brooklyn
 Hudson
 Pittsburgh, Pa.
 St. Paul, Minn.
 Newark, N. J.
 Buffalo
 Baltimore, Md.
 Cuba
 Roland Park, Md.
 Ithaca
 South Bend, Ind.
 Cortland
 Spokane, Wash.
 Canonsburg, Pa.
 Milwaukee, Wis.
 Vancouver, B. C.
 Elmira
 Salamanca
 Cadiz, Ohio
 Holley

McCarthy, Edward Dennis	1917 A	Cattaraugus
McCarthy, Frank Charles	1918 L	Syracuse
McCarthy, John Robert	1916 C	New York City
McCarthy, Marie Helen	1916 Ag	Ithaca
McCarthy, William Joseph, B.S.	Grad	New York City
Macartney, Horace Bramwell	1916 A	Brooklyn
McChesney, Harvey	1915 Ag	Amityville
McChesney, John David	1917 M	Brooklyn
McClanahan, Margaret Hope	1916 A	Delta, Col.
McClelland, Ruth Jane	Spec Ag	Brooklyn
McClelland, William Fred	1917 Ag	New York City
McClure, Donald Fisher	1918 M	Glen Ridge, N. J.
McClure, Ross Gerrette	1915 C	Chicago, Ill.
McCollough, Charles Allen, jr.	1918 Ag	New York City
McConnell, Murray	1917 C	Sao Paulo, Brazil, S. A.
McConnell, Austin Joseph	1915 Ag	Mayville
McConnell, Carl Gilbert	1915 A	Varna
McCorkle, Walker Ellsworth, Ph.B., M.S.	Grad	Daswon, O.
McCormick, William Stanley	1917 M	Penrose, Col.
McCoy, Daniel Chauncey	1917 A (Chem)	Yonkers
McCredie, James David	1915 L	Aurora, Ill.
McCroddan, Lincoln	1916 A	Bloomfield, N. J.
McCune, James Edwin	1918 M	Brilliant, O.
McCurtain, Einsel Leroy	1917 M	Salt Lake City, Utah
McCutcheon, James Donald	1916 Ag	Thornburg, Pittsburgh, Pa.
McCutcheon, Kenneth Charles	1915 M	Thornburg, Pittsburgh, Pa.
MacDaniels, Laurence Howland, A.B.	Grad	Oberlin, O.
McDermott, Gerald Robert	1915 Ag	Brooklyn
McDermott, Morgan Bland	1916 M	Tucson, Ariz.
McDermut, Charles Kiersted, jr.	1916 A	Leonia, N. J.
MacDonald, Araminta	Spec Ag	Delhi
Macdonald, Emma Chapman	1915 A	Fort Covington
MacDonald, Gerald Malcolm	1918 L	Reynoldsville, Pa.
McDonald, John	1916 C	St. Louis, Mo.
MacDonald, John Francis	1918 Ag	Bayshore
MacDonald, Neil Francis	1917 A (Chem)	Flushing
Macdonald, Norman, B.A.	Grad	Invernesshire, Scotland
McDonell, Howard Archibald	1918 M	Brooklyn
McDowell, Leslie Thomas	Spec Ag	Gates
McDuffie, Roy Oliver	1918 A	Cincinnati, O.
Macedo, José Buarque	1916 C	Rio de Janeiro, Brazil
McFadden, Charles Wade Close	1918 C	Philadelphia, Pa.
McGaugh, John David	1916 A (Chem)	Ithaca
McGill, Donald Cameron	1915 A 1918 M.D.	Rochester
McGinnies, Elliott Morse	1917 A	Ripley
McGovern, John Francis, jr., B.Sc.	1917 M.D. (N. Y. C.)	New Brunswick, N. J.
MacGowan, Hilliard Vincent	1917 M	Los Angeles, Cal.
McGoldrick, Joseph Leo, A.B.	1916 M.D. (N. Y. C.)	Brooklyn
McGranaghan, Edmund Burke	1918 Ag	Hancock
McGraw, Robert Bush	1918 A (Chem)	Cortland
MacGregor, Ross Edward	1918 C	Malone
McGrew, Walter Browning	1918 Ag	Chicago, Ill.
McGuinness, William Vincent	1916 M	Laurel Hill
Machan, John Henry	1917 L	East Orange, N. J.
McInerney, Mortimer Leo	1916 Ag	Elmira
Mack, Ellsworth Elmer	1918 Ar	Rome
Mack, Edward Lawrence, B.S.	Grad	Vergennes, Vt.
Mack, Harry Elias	1917 A	Brooklyn
McKay, Marguerite	1918 A	Geneva
MacKaye, William Payson	1917 A (Chem)	Yonkers
McKeage, John Anderson	1916 M	Montrose, Pa.
McKee, Philip Judson	1916 A	Dayton, O.
MacKellar, James Malcolm, M.D.	Spec M.D. (N. Y. C.)	Tenafly, N. J.
Macken, Harold Irving	1918 C	New Brighton
Mackenzie, Donald Alexander	1917 C	Highland Falls
MacKenzie, Hugh	1916 A	Millbrook
MacKenzie, Robert Emerson	1917 A	Canton, O.
McKiernan, William Aloysius	1916 Ag	Brooklyn
McKinney, John Carl	1916 Ag	Cortland
McKinney, William Percy	1915 M	Knoxville, Tenn.
McKinstry, Ross Waldron	1918 Ar	Chicago, Ill.
MacKirdy, Howard Spencer, B.A.	1918 M.D. (N. Y. C.)	New Britain, Conn.
McLaren, Don Andrew	Spec Ar	Hillsdale, Ore.
McLauchlin, Russell Jaehne	1916 L	Detroit, Mich.
Maclay, Donald Edwin	1917 Ag	Buffalo
Maclay, Geoffrey Edward	1917 A	Buffalo
Maclay, John Alvan	1915 M	Buffalo
McLendon, Jesse Sumpter	1918 M	Waco, Tex.
McMaster, (Mrs.) Lillie Miriam	Spec A	Pittsburgh, Pa.
McMaster, Marcenus Darius	1916 M	Rochester
McMillin, Edwin Russell	1917 C	Wilkinsburg, Pa.

MacMillan, Kenneth Duncan	1917 A	Pittston, Pa.
McMurry, Katherine Lindley	1918 A	Yonkers
McNaughton, Robert Henry	1916 Ar	Akron, O.
MacNeill, Earl Schworm	1915 L	Cohoes
McNerney, Olive Anna	1915 A	Carthage, Mo.
Macomber, Hugh Irwin	1915 Ag	Ithaca
McPherson, Mannon Greer	1917 Ag	Elmira
McQuillan, Armon Dennis	1918 A	Plattsburgh
McQuillan, Arthur Spaulding, A.B.	1916 M.D. (N. Y. C.)	Plattsburgh
Macrae, Howard Alexander	1918 Ag	Providence, R. I.
McRoberts, Rosanna	1915 A	Tompkinsville
McSparren, Dorothy	1918 A	Furniss, Pa.
MacVeagh, Wayne	1916 C	Williamsport, Pa.
McVetty, Percy George, M.E.	Grad	Ithaca
McVicar, Herbert Kenneth	1918 Ag	Conesus
MacWhorter, Mabelle Vassar	1917 Ag	Ithaca
Macy, Charles Leo	Spec Ag	Cold Spring Harbor
Macy, Harold	1917 Ag	Hudson
Maddy, John Churchill	1918 Ag	New York City
Madigan, Frank Thomas	1916 A	Herkimer
Maenak, Warren	1916 M	Collingswood, N. J.
Maercker, Herman	1918 M	Milwaukee, Wis.
Magee, Christopher	1915 M	Sewickley, Pa.
Maguire, James Barry, jr.	1916 Ag	Rochester
Maguire, William Howard	1915 A	Toledo, O.
Mahood, Samuel Arthur, B.Sc., M.A.	Grad	Columbus, Neb.
Maidment, Carol	1917 Ag	Sea Cliff
Maier, William	1917 Ag	Gloversville
Mailler, James Russell	1916 Ag	Mountainville
Main, Albert Henri	1916 Ag	New York City
Main, Josiah, B.S. in Agr., A.M. in Educ.	Grad	Pittsfield, Ill.
Malcolm, Talbot Marion	1918 A	Salamanca
Mallan, Daniel Henry	1918 V	New York City
Mallery, Harold Lay	1915 M	Owego
Mallery, John Stanley	1916 M	Owego
Mallory, Donald Lee	1917 A	Brooklyn
Mallory, Henry Reed	1915 Ag	Governor's Island
Mallory, William Garfield, A.B., A.M.	Grad	Bemus Point
Malone, Joseph Garcin	1915 A	Louisville, Ky.
Malone, Justin Depew	1918 A	New York City
Malone, William	1918 M	New York City
Maloney, Louis Brown	1918 C	Watkins
Maloy, Thomas Patrick	1915 Ag	Rochester
Manchester, Adolph Archibald	1918 Ag	Brooklyn
Mandel, Simon David	1917 Ag	Brooklyn
Mandelberg, Joseph	1916 A	Brooklyn
Mankin, Gilbert Haven, A.B.	1917 M.D. (N. Y. C.)	Thurmond, W. Va.
Mann, James Hallock	Spec Ag	Old Westbury.
Manning, Lester Silvester	1916 Ar	Trumansburg
Mansfield, Freeland	1917 M	Indianapolis, Ind.
Mapes, Frederick John	1918 Ag	Jordan
Mapes, Herbert Mortimer	1916 Ag	Owego
Mar, Frank William	1918 Ag	Richmond Hill
Marcovitch, Wolfe	1915 Ar	Syracuse
Marcus, Grace Florence	1915 A	Caldwell, N. J.
Marcus, Harry Louise	1916 Ag	Brooklyn
Marcus, Matthew	1918 Ag	New York City
Mardfin, Emile	1916 Ag	New York City
Maretzke, Edwin	1918 Ag	Yonkers
Margulis, Abraham Bernard	1916 Ag	New York City
Markel, John	1915 L	Waterloo
Markham, Miles Capron	1918 V	Constableville
Markham, Robert Benjamin	1917 Ag	Turin
Marks, Alfred Lester	1915 C	Honolulu, Hawaii
Marks, Bernice, A.B.	1918 M.D. (N. Y. C.)	New York City
Marks, Glenn Ray	Spec Ag	Ithaca
Marquette, Bleecker	1915 A	Schenectady
Marrian, Ralph Richardson	1915 C	Watertown
Marriott, Hildreth Kenneth	1918 Ag	Ithaca
Marsh, Anna	1918 A	Brooklyn
Marsh, Henry Birdsall	1917 Ar	Summit, N. J.
Marshall, Lucile, B.A.	Grad	Cleveland, O.
Marsland, Merwin Elliott	1915 A 1918 M.D.	Hamden
Marsland, Walter Stanley, A.B.	1915 Ag	Middletown
Martin, Addison Leavens	1918 A	Atlanta, Ga.
Martin, Arthur Howard	1916 Ag	Attica
Martin, Asa Earl, B.A., M.A.	Grad	Kansas City, Mo.
Martin, Edward Ward	1917 C	Portsmouth, Va.
Martin, Francis Dalton	1915 M	Owego
Martin, Harry Phillips	1919 M	Tomkins Cove
Martin, Harwood	1916 Ag	Honeoye Falls

- Martin, Honora Agnes 1917 A
 Martin, Howard Eshelman 1917 V
 Martin, James William Herman 1917 M
 Martin, John Ward 1918 C
 Martin, Norman George 1918 C
 Martin, Stanley Andrew 1917 Ar
 Martin, Victor Kinnaman 1917 A
 Martindell, Frank 1915 M
 Martinez, Arturo 1916 A
 Martinez, Donald Skillman 1919 Ar
 Martsof, Arthur Louis 1918 Ar
 Massey, Louis M., A.B. Grad
 Masson, Joseph De Marnoz 1918 A
 Mastin, Thomas Fearn, jr. 1916 A
 Matakonsky, Harry 1918 A (Chem)
 Matchneer, Harry Nesbitt 1916 Ag
 Mathée, Helmuth Spec Ag
 Mathews, Wilbur Alan 1915 Ag
 Matson, John Jamieson 1915 M
 Matter, Guy Earl 1916 Ag
 Mattern, David Earl 1915 A
 Matthews, Albert Gordon 1918 C
 Matthews, Harry Grant 1917 C
 Matthews, James Evart 1917 M
 Matthews, Paul Denison 1918 M
 Matthiessen, Richard Peck 1918 A
 Mattli, Peter Anthony 1918 Ag
 Maury, Alfred Blake 1915 M
 Maxeiner, Carl August 1918 C
 Maxon, Walter Landon 1915 M
 Maxstadt, Francis William, jr. 1916 M
 Maxudian, Yervant, B.S. Grad
 Maxwell, Archibald McIntyre 1918 A
 Mayer, Albert Kenneth 1918 Ag
 Mayer, Karl Herman 1915 M
 Mayer, Ludwig Stolz Spec Ag
 Mayer, William Henry, jr. (1916 M) 1915 A
 Mayer, William Lyndon 1918 Ag
 Mayers, Alton Rulon 1918 M
 Mayers, Lester 1916 A
 Maynard, Albert Ashley 1915 M
 Maynard, Franklin Purdy 1918 Ag
 Maynard, Kingsley Darwin 1918 A
 Maynard, Leonard Amby, A.B. Grad
 Mazurowski, Bruno Casimir 1916 A
 Mead, George Gordon, A.B. 1915 Ag
 Mead, Loren Joseph 1916 Ag
 Mead, Robert Gillespie, C.E. 1917 C
 Meade, DeVoe, B.S. Grad
 Medlong, Frederick William 1919 Ar
 Mehaffey, Albert Bloxom 1915 Ag
 Mehnert, Alice Mary 1915 A
 Meikle, Alexander Craig 1915 C
 Meissner, Harold Gustav 1917 M
 Meissner, James Armand 1918 M
 Meister, Henry Joseph, A.B. 1916 M.D. (N. Y. C.)
 Mellen, Arthur William, jr. 1917 C
 Mellinger, Marion Frances 1918 A
 Melniker, William 1916 A
 Mendinhal, Edward, jr. 1916 M
 Meng, Harold Anthony 1917 Ag
 Mengers, Charles Alexander 1915 C
 Menke, Chester Hume 1916 Ag
 Menocal, Jacinto John G'de 1919 M
 Merrell, Cyrus Walbridge 1917 A
 Merrick, John Finney 1917 M
 Merrick, Lester Finney 1918 C
 Merrifield, Samuel Arthur 1915 Ag
 Merrill, Basil Edmund 1918 C
 Merrill, Charles Boughton 1915 A
 Merrill, Frederic Brettell 1917 Ag
 Merrill, Robert Dietz 1915 Ag
 Merriman, Lloyd Lewis 1918 M.D.
 Merry, William Lincoln 1916 M
 Mertz, Pierre 1918 M
 Meruk, Robert 1915 L
 Merwin, Richard Berkley 1918 Ag
 Meston, Robert Scott 1916 C
 Metcalf, Franklin Post, B.A. Grad
 Metzger, Herbert John Spec Ag
 Metzger, Herbert Martin 1916 Ag
 Perth Amboy, N. J.
 Clarence Center
 Coatesville, Pa.
 Chicago, Ill.
 Elizabeth, N. J.
 Webster
 Buffalo
 Waterbury, Conn.
 Mayaguez, Porto Rico
 Oak Park, Ill.
 New Brighton, Pa.
 Ithaca
 Hammondsport
 Fort Worth, Tex.
 Port Chester
 Pittsburgh, Pa.
 Aachen Burtscheid, Germany
 Crafton, Pa.
 Ithaca
 Ithaca
 Des Moines, Ia.
 Fort Warren, Mass.
 Fort Warren, Mass.
 Brooklyn
 Wilmington, Del.
 Chicago, Ill.
 Gosehnevalp, Switzerland
 Morristown, N. J.
 Albany
 Cortland
 Monroe
 Ithaca
 Huntington
 Brooklyn
 Buffalo
 Ithaca
 Brooklyn
 Durhamville
 Salt Lake City, Utah
 New York City
 Greenport
 Stamford
 Roscoe
 Hartford
 Buffalo
 Greenwich, Conn.
 Santa Ana, Cal.
 Ossining
 Ithaca
 Oswego
 Port Jervis
 Vermilion, O.
 Baltimore, Md.
 New York City
 Brooklyn
 Dunkirk
 New York City
 Buffalo
 Stockton, N. J.
 Newport, Del.
 Rochester
 Windsor Hills, Md.
 Ithaca
 Chaparra, Cuba
 Webster Groves, Mo.
 Hamilton, Canada
 Hamilton, Canada
 Williamsville, Vt.
 Stratford, Conn.
 Schoharie
 Schoharie
 Schoharie
 Carpenter, S. D.
 Rockville Centre
 Jamaica
 Brooklyn
 New York City
 St. Louis, Mo.
 Talladega, Ala.
 Groton
 New York City

- vander Meulen, Peter Andrew, B. Chem Grad
 Meyer, George Charles 1917 M
 Meyer, Garret Frederick 1918 A
 Meyer, Monroe Abraham, A.B. 1916 M.D. (N. Y. C.)
 Meyer, Robert Oliver 1917 M
 Meyering, Bernard 1915 M
 Meyler, Robert Gephart 1916 M
 Michener, John Hanson 1916 A
 Micou, Benjamin Hall 1916 A
 Micou, Crescoell MacMurray 1918 A
 Micou, Hilary Herbert 1915 M
 Middaugh, Irving Seely 1918 Ag
 Middleton, Cornelius Walworth 1916 C
 Miffin, Adelaide Morton 1917 A
 Mikes, Otto Bert Spec Arch
 Milcher, Edward Roy 1918 Ag
 Miles, George Swiggart 1918 A
 Milhan, David Nelson 1915 C
 Milici, Attilio, B.A. 1916 M.D. (N. Y. C.)
 Millar, Eric Albany Spec M
 Millard, Alfred, jr. 1915 Ag
 Millard, Bruce Norman 1918 Ag
 Millard, Ernest Horatio 1916 M
 Millard, Hugh Ezra 1916 Ag
 Millard, Joseph Hopkins, 2d 1918 A
 Millen, Frederic Hartwell 1915 Ag
 Miller, Alexander 1918 A
 Miller, Charles Edmund 1918 A (Chem)
 Miller, Charles Marion (1919 M) 1918 A
 Miller, Clayton Walters 1915 L
 Miller, Cyrus W. 1918 M
 Miller, Eda Grace 1918 A
 Miller, Edward Lewis 1915 A
 Miller, Frank Edison 1915 Ag
 Miller, Fred High 1916 Ag
 Miller, George 1917 C
 Miller, George Sidney 1918 Ag
 Miller, Harold George 1917 C
 Miller, John, A.B. 1915 M.D. (N. Y. C.)
 Miller, Laura 1916 A
 Miller, Peter Paul 1918 Ag
 Miller, Robert Robertson 1918 C
 Miller, Thomas Maxwell, A.B. 1915 L
 Miller, Thomas Winfrey 1917 Ar
 Miller, Walter John 1918 Ag
 Milligan, William Girvan 1918 Ag
 Millman, Joseph 1915 Ag
 Mills, Allison Curtis 1917 A (Chem)
 Mills, Geneva Marguerite 1916 A
 Mills, Grover Cleveland, B.M.E. 1915 M
 Mills, Harold Strycker 1916 Ag
 Mills, Zilla Erenah 1915 Ag
 Milton, Alonzo Loring 1915 M
 Milton, Margaret Kirtley 1918 A
 Ming, Frederick Woo 1919 Ar
 Minier, Justus Arthur 1917 Ag
 Minnick, Jennie Theresa 1917 Ag
 Minnix, Allen Clark 1915 C
 Minns, Lua Alice, B.S. Grad
 Minshall, Robert 1917 M
 Minton, Meyer Maurice, jr. 1917 Ag
 Miron, Adolph 1918 M
 Misner, Edward Gardner, B.S. Grad
 Mitchell, Isaac Brown Spec Ag
 Mitchell, Marguerite 1918 Ag
 Mix, Arthur Jackson, A.B. Grad
 Mizushi, Frank Masanao, B.S. Grad
 Moakley, Mildred Anna 1918 Ag
 Mochrie, Robert 1915 M
 Modjeski, Charles Emmanuel John 1918 M
 Moeckel, William 1915 L
 Moench, Laura Mary, A.B. Spec A
 Moesel, Julia 1916 A
 Moffat, Helen 1918 A
 Moffat, Reuben Curtis 1918 A
 Moffitt, John Adams 1916 A
 Moffitt, Robert Colborn 1918 M
 Mohundro, Will Ellsworth 1917 M
 Moir, John Troup, jr. 1916 Ag
 Moir, William Whitmore Goodale 1918 Ag
 Molony, Harman Martin 1917 M
- Ithaca
 Rochester
 St. Louis, Mo.
 New York City
 St. Louis, Mo.
 Rochester
 Los Angeles, Cal.
 Erie, Pa.
 Washington, D. C.
 Washington, D. C.
 Washington, D. C.
 Brookton
 Brooklyn
 Ridley Park, Pa.
 Cleveland, O.
 Buffalo
 Union City, Tenn.
 Ithaca
 New York City
 Midland Junction, W. Australia
 Omaha, Neb.
 Newark Valley
 Kingston, Pa.
 Omaha, Neb.
 Omaha, Neb.
 Port Jervis
 Brooklyn
 Lakewood, N. J.
 Mayville
 LaGrange, Ill.
 Brooklyn
 Wilkes-Barre, Pa.
 Marietta, O.
 Oxford
 Reading, Pa.
 Bridgeport, Conn.
 Springs
 East Orange, N. J.
 Cohocton
 New York City
 Buffalo
 Waterbury, Conn.
 Canton, O.
 Buffalo
 Stevensville
 New York City
 Ithaca
 Gloversville
 Binghamton
 Kenton, Ky.
 New York City
 Tecumseh, Mich.
 Elm Grove, W. Va.
 Memphis, Tenn.
 Oakland, Cal.
 Waco, Tex.
 Boston
 Washington, D. C.
 Lodi, O.
 Terre Haute, Ind.
 Brooklyn
 Elizabeth, N. J.
 Dairyland
 Ithaca
 Parkesburg, Pa.
 Clinton
 Osaka, Japan
 Ithaca
 New York City
 Chicago, Ill.
 New York City
 Gowanda
 Buffalo
 Ithaca
 Ithaca
 New York City
 Wallace, Idaho
 Clarkston, Wash.
 Papaikou, Hawaii
 Papaikou, Hawaii
 Philadelphia, Pa.

Molther, Francis Rattoone 1917 Ar
 Monaghan, Thomas Aloysius 1916 C
 Monahan, Edward, jr. 1918 Ag
 Monnett, Victor Elvert, A.B. Grad
 Monroe, George William, jr. 1918 A
 Monson, Warren Earl 1915 Ag
 Montague, Alexander Salisbury 1915 Ag
 Montgomery, Gilbert McKean 1916 Ag
 Montgomery, Irene Margaret 1915 A
 Montgomery, Maxine Erminie 1918 Ag
 Montgomery, Mazie Caroline 1917 A
 Montillon, Eugene Davis, B.Arch. Grad
 Montrose, Frances Jane 1916 Ag
 Moody, Julia Boyette 1916 A
 Moody, Perlle Hunter 1916 A
 Moody, Robert Elbridge 1918 Ag
 Moody, Warren Lafayette, B.S. Grad
 Mook, Herbert Richard 1915 V
 Moon, Charles, B.S., C.E. Grad
 Moon, Hubert Hill 1918 Ag
 Moon, Merl Perrott 1915 A
 Moore, Charles Benton, B.S. in C.E. 1916 C
 Moore, Clarence William 1916 Ag
 Moore, Dean Crawford 1918 Ag
 Moore, Erwin Veranus 1916 V
 Moore, Franklin Chamberlain 1917 M
 Moore, Harry Cordery 1918 C
 Moore, Henry Carleton Spec Ag
 Moore, Irwin Likely 1917 A
 Moore, James Humphrey 1916 M
 Moore, John Dudley 1916 V
 Moore, John Herbert 1915 V
 Moore, Kenneth Phelps 1916 C
 Moore, Lloyd Edward 1915 Ag 1917 V
 Moore, Lloyd Roberts 1915 A (Chem)
 Moore, Lucius 1917 Ar
 Moore, Raymond Alfred 1918 Ag
 Moore, Revere John 1916 Ag
 Moore, Roy Wallace 1918 Ag
 Moore, Russell York 1915 A
 Moore, Theodore Grant 1916 A
 Moore-Smith, Jane Janetta 1918 A
 Moran, Amy Spencer 1918 Ag
 Moran, August Herman 1918 M
 Morey, Douglas 1916 Ag
 Morey, James Benedict 1918 M
 Morgan, Charles Frederick 1918 M
 Morgan, Charles Grover 1915 M
 Morgan, Daniel Stentz 1917 Ag
 Morgan, Earl Clark Spec Ag
 Morgan, George Rose, B.S. 1916 M
 Morgan, William Lionel 1917 A
 Morris, Charles Van Wie 1917 V
 Morris, Ethel Mae 1918 Ag
 Morris, Henry Gray 1918 A
 Morris, Henry LeConte 1916 Ag
 Morris, John Samuel 1917 M
 Morris, Mary Elizabeth 1918 A
 Morris, May Louise 1917 Ag
 Morris, Rexford Lansing 1917 M
 Morrison, Henry Woode 1915 A
 Morrow, Anne Horton 1917 Ag
 Morrow, Nelson Doolittle 1915 Ag
 Morse, Daniel Parmelee, jr. 1915 Ag
 Morse, Everett Ralph 1915 M
 Morse, Harry Clarence 1915 Ag
 Morse, Robert Virgil, M.E. 1915 L
 Morton, John Walker 1918 C
 Morton, Ralph Encell 1917 Ag
 Moses, Adolph 1915 M
 Moses, Fannie 1918 A (Chem)
 Moses, Olga Dorothea 1917 A
 Moses, Winifred 1915 Ag
 Mosher, Lewis Saxton 1918 A
 Mosher, Merrill Albert 1916 A (Chem)
 Mosher, Sidney Wood 1916 C
 Mosier, Gertrude Gracé 1915 A
 Mosier, Merle Marion, A.B. 1917 M.D. (N. Y. C.)
 Moskowitz, Samuel 1915 Ag
 Mosmann, Ernest 1915 L
 Mosser, Joseph Franklin 1918 M

Brooklyn
 New York City
 Johnstown
 Ithaca
 Dryden
 Lakewood, O.
 Chicago, Ill.
 Glen Moore, Pa.
 Philadelphia, Pa.
 Montour Falls
 Ithaca
 Ithaca
 Deposit
 Memphis, Tenn.
 Memphis, Tenn.
 Rushville
 Charlotte, N. C.
 Lancaster
 Morgantown, W. Va.
 Burke, Va.
 Beaver Falls, Pa.
 Marion, Ala.
 West Henrietta
 Whippany, N. J.
 Ithaca
 Cleveland, O.
 Atlantic City, N. J.
 Laurel, Del.
 Worcester, Mass.
 New York City
 Albion
 Ithaca
 Newark, N. J.
 Pine Plains
 Whippany, N. J.
 Hudson
 Rutland, Vt.
 Richmond Hill
 Silver Creek
 Winsted, Conn.
 Green Bay, Wis.
 Monsey
 Philadelphia, Pa.
 Buffalo
 Ithaca
 Buffalo
 Newport, Del.
 Cuba
 Uniontown, Pa.
 Silver Springs
 Greenville, S. C.
 Honolulu, T. H.
 Binghamton
 Perry
 Jamestown
 Lodi
 Denison, Tex.
 Oil City, Pa.
 Lodi
 Rochester
 Newburgh
 Ithaca
 Lockport
 Northport
 Ithaca
 Dunkirk
 Ithaca
 Washington, D. C.
 Beaver, Pa.
 Mt. Vernon
 Baltimore, Md.
 Mt. Vernon
 New York City
 Erie, Pa.
 Hornell
 Poplar Ridge
 Demarest, N. J.
 Demarest, N. J.
 Brooklyn
 Newark, N. J.
 Allentown, Pa.

- Mosser, Philip Dudley 1917 A
 Motokawa, Ichiro 1916 M
 Mott-Smith, Harold Meade, jr. 1918 A (Chem)
 Mould, Clarence William 1917 V
 Moulton, Paul Swain 1917 A
 Muchmore, Merle Emily, A.B. Spec Ag
 Muckle, Leo Augustine 1916 Ag
 Mudge, Benjamin Harrison (1918 L) 1918 A
 Mueller, Lucien Wilber 1917 M
 Muench, Hugo, jr. 1915 A 1918 M.D.
 Muesbeck, Carl Frederick William 1916 Ag
 Muir, Thomas Angus 1918 Ag
 Mulcahy, Daniel Francis 1915 Ag
 Muldoon, William E., D.V.M. Grad
 Mulford, Allen 1915 M
 Mulhoffer, Abraham 1915 Ag
 Mullaney, Thomas Francis, jr. 1918 L
 Mullen, Fred Berry 1916 C
 Mullen, Rosemary Florence, A.B., M.S. Spec M.D. (N. Y. C.)
 Muller, Gladys Marie 1917 A
 Muller, Richard Theodore 1916 Ag
 Mullikin, Alfred 1916 C
 Munch, Roger William 1915 Ag
 Munisteri, Philip (1918 Ag) 1919 C
 Munnikhuisen, Walter Farnandis 1915 C
 Munsick, David Roger 1917 A
 Munsick, Donald Bert 1915 L
 Munz, Philip Alexander, A.B., A.M. Grad
 Murdoch, Raymond Lester 1916 A
 Murphy, Helen Elizabeth 1917 Ag
 Murphy, John Leo 1918 Ag
 Murphy, Robert Aloysius 1918 Ag
 Murphy, Will Brown 1918 M
 Murray, Harold Baldwin 1915 M
 Murray, Malcolm Gibson 1917 Ag
 Murray, Ruby Rivers, A.B., A.M. Grad
 Murray, Sabina Therese 1915 A
 Murray, William Hallam Gillis 1916 M
 Murrian, Leo Vincent 1917 V
 Musgrave, George Wallace 1915 Ag
 Myers, Edgar 1917 Ag
 Myers, Helen Parker 1916 A
 Myers, Irving 1918 L
 Myers, Ira Henry 1917 A
 Mye s, Ralph Emerson, A.B., A.M. 1918 M.D. (N. Y. C.)
 Myers, Ralph John 1916 M
 Myers, William Harley 1918 Ag
 Myers, William Irving, B.S. Grad
- Nabenhauer, Fred Paul 1917 C
 Nadler, Aaron Morris 1917 Ag
 Nagel, Conrad Frederick, jr. A.B., 1915 A (Chem)
 Nagler, Salyg 1918 C
 Nakamoto, Goichi 1917 C
 Nankivell, Francis John 1918 M
 Nanz, Ralph Simpson, B.S. Grad
 Nash, Jack Thomas 1916 C
 Nash, Winifred Edna 1915 Ag
 Nathan, Philip William, M.D. Spec M.D.
 Nathan, Robert Florance, jr. 1916 A
 Naugle, John Frank 1916 M
 Nauman, Luther Marshall 1918 Ag
 Nauss, Henry George 1915 Ag 1917 V
 Nazel, John Milton 1919 M
 Neale, Jay Elliot 1915 A
 Nearing, Herbert Lee 1915 Ag
 Neate, Nathan Menzo 1917 V
 Nebenzahl, Meyer 1915 L
 Needham, John Taylor 1918 Ag
 Neergaard, Christian Frederick 1915 Ag
 Neff, Edward Gustav 1915 A
 Neff, Lewis Knode, jr. 1917 A
 Neipp, Elsa Clara 1915 A
 Nelms, Frank, jr. 1918 Ag
 Nelson, Arthur Adams 1916 Ag
 Nelson, David Jacob, B.S. 1916 A
 Nelson, Gertrude Helen 1916 Ag
 Nelson, John Allan 1915 L
 Nelson, Thomas Leete 1916 A (Chem)
 Netzen, Clarence 1915 A (Chem)
 Neubauer, George August 1915 M
- Boston, Mass.
 Honolulu, Hawaii
 Schenectady
 Montgomery
 Ashton, S. Dak.
 Winfield, Kans.
 Stanley
 Barker
 Decatur, Ill.
 St. Louis, Mo.
 Brockport
 New York City
 Elmira
 Waverly
 Mt. Vernon
 New York City
 New York City
 Jamaica
 New York City
 Brooklyn
 New York City
 Baltimore, Md.
 Brooklyn
 Brooklyn
 Bel Air, Md.
 Maplewood, N. J.
 Maplewood, N. J.
 Denver, Col.
 Ithaca
 Phoenix
 Morristown, N. J.
 New Rochelle
 Roland Park, Md.
 Washington, D. C.
 Kansas City, Mo.
 Guilford, Conn.
 Ithaca
 Binghamton
 Port Jervis
 Scranton, Pa.
 Connerville, Ind.
 Buffalo
 Rochester
 Buffalo
 Cobleskill
 Pittsburgh, Pa.
 Ithaca
 Ithaca
- Stapleton
 Brooklyn
 Newark, N. J.
 New York City
 Hilo, Hawaii
 New York City
 Ithaca
 Ft. Worth, Texas
 Ithaca
 New York City
 New York City
 Beaver, Pa.
 Scranton, Pa.
 New York City
 Philadelphia, Pa.
 Harrisburg, Pa.
 Otego
 Falconer
 Far Rockaway
 Ithaca
 Brooklyn
 Crestline, O.
 New York City
 Chatham, N. J.
 Philadelphia, Pa.
 Yonkers
 Huntsville, Utah
 Willseyville
 Brooklyn
 Binghamton
 Batavia
 Buffalo

- Neuhaus, Ralph 1918 M
 Neumaier, Martin 1916 C
 Neville, Homer Borst 1917 Ag
 New, Tsunyoong, B.S. Grad
 Newbury, George Adelbert 1917 L
 Newcomb, Everett Wilbur 1915 A
 Newell, Clendenon Sheaf 1916 Ar
 Newell, William Talman 1915 M
 Newkirk, Arthur Duncan 1915 C
 Newland, Fay Hartmann 1915 A
 Newlander, John Alvin 1918 Ag
 Newman, George Burgess, A.B. Grad
 Newman, Gwendell Barden 1917 C
 Newman, John Dundy 1915 M
 Newman, John Hugo 1915 M
 Newman, Samuel 1916 A (Chem)
 Newsome, Harold Milward 1916 A
 Newton, Edward Martin, jr. 1917 M
 Nicholas, Apollon John 1917 L
 Nicholas, George Lawrence, jr. 1915 Ag
 Nicholas, Howard Gledhill 1915 A
 Nichols, Leslie Irving 1918 Ar
 Nichols, Melvin (1918 M) 1918 A (Chem)
 Nicolai, Frank 1917 Ag
 Niedeck, Marguerite 1917 Ag
 Niedeck, May Evelyn 1917 Ag
 Niedringhaus, Frederick Emmons 1918 M
 Niedringhaus, William Francis 1918 M
 Nightingale, Lionel Grenelle, M.E., J.D. 1915 A
 Nirenberg, Bertram 1918 M
 Nix, Robert Williamson, jr. 1915 A
 Noback, Gustave Joseph 1916 Ag
 Noble, Clarence Vernon 1916 Ag
 Noble, George Lansing 1918 M
 Nolan, Thomas Joseph 1916 C
 Noland, David Reeves 1915 Ag
 Nolker, Herman William 1915 Ar
 Noonan, Mary Theresa 1918 A
 Northrup, James Stanton Spec Ag
 Northrup, Layton Louis 1915 A
 Norris, Harold Scott 1915 M
 Norris, Olive Katherine, A.B. Grad
 Norton, Algernon Sidney, jr. 1918 A
 Norton, Brainard Cleveland 1917 A
 Norton, Curtis Lacy 1918 A
 Norton, Darwin Parker 1918 Ag
 Norton, Laurence Joseph 1917 Ag
 Norton, Mary Blanche, B.S. 1915 M.D. (N. Y. C.)
 Norton, William Kenneth 1918 Ar
 Norwood, Stanley Marion 1918 A (Chem)
 Nourse, Walter Burton 1916 Ag
 Noyes, Alice Ayr, B.A., A.M. Grad
 Nugent, William Post 1916 M
 Ober, John Lewis 1916 C
 Oboler, Archibald 1917 L
 Obre, Arthur Lippincott 1915 A
 O'Brien, Gerald Aldrich 1918 Ag
 O'Brien, Denis Henry 1917 M
 O'Brien, Earl Francis 1918 C
 O'Brien, Edmund Joseph 1918 A
 O'Brien, George Taft 1916 Ag
 O'Brien, James Chalmers 1917 A
 O'Brien, John Emmett 1915 A
 O'Brien, Vincent de Paul 1918 C
 O'Brien, William James, B.Chem. Grad
 O'Brien, William John 1918 Ag
 Ochtman, Leonard, jr. 1915 M
 O'Connell, Bernard Loyal 1918 A
 O'Connell, Edward Cummings 1915 A
 O'Connell, Geoffrey Maurice 1917 Ag
 O'Connor, Henry Grover 1915 A
 O'Connor, William Henry 1917 Ag
 O'Donnell, William Martin, LL.B. 1915 A
 Ogden, Philip Williams Spec Ag
 Ogle, Ralph Edward 1918 Ar
 Ogren, Carl Francis 1917 M
 O'Hearn, John Ewing 1915 Ag
 Ohlbaum, Claude 1918 A
 Ohm, Fred William 1915 Ag
 Houston, Tex.
 New York City
 Sharon Springs
 Chekiang, China
 Ripley
 Elizabeth, N. J.
 Leonia, N. J.
 Lanesboro, Mass.
 Jacksonville, Fla.
 Fall River, Mass.
 Penn Yan
 Fryeburg, Me.
 St. Louis, Mich.
 Bayonne, N. J.
 Chicago, Ill.
 Brooklyn
 Hartford, Conn.
 Ithaca
 New York City
 New York City
 Ithaca
 Hubbard Woods, Ill.
 Dayton, O.
 Brooklyn
 Ithaca
 Ithaca
 St. Louis, Mo.
 St. Louis, Mo.
 Brooklyn
 Brooklyn
 East Rockaway
 New York City
 Ithaca
 Houston, Tex.
 Jersey City, N. J.
 Waynesville, N. C.
 St. Louis, Mo.
 Mahony City, Pa.
 Whitney Point
 Chicago, Ill.
 Buffalo
 Spencer
 New York City
 Southport, Conn.
 New York City
 Oneida
 Middle Granville
 Weehawken, N. J.
 Omaha, Neb.
 Ithaca
 Casanova, Va.
 Haverhill, Mass.
 Southampton
 Solvay
 New York City
 Rhinebeck
 Fredonia
 Forsyth, Mont.
 Solvay
 Meriden, Conn.
 Kansas City, Mo.
 Chicago, Ill.
 Shortsville
 Scranton, Pa.
 Kingston
 Seneca Falls
 Coscob, Conn.
 Plattsburgh
 Barrytown-on-Hudson
 Ithaca
 Wayland
 Horseheads
 North Tonawanda
 Rochester
 Washington, D. C.
 Brooklyn
 Brookline, Mass.
 Brooklyn
 Wantagh

- O'Keefe, Justin Everett, A.B. 1918 M.D. (N. Y. C.)
 Olcott, Charles Townsend, A.B. 1916 M.D. (N. Y. C.)
 Oldenberg, Richard 1918 C
 Oldreive, Albert George 1918 Ag
 Olds, Edwin Glenn 1918 A
 O'Leary, James Hallen 1917 C
 Oles, Wilbur Scott 1916 Ag
 Olin, Robert Nelson 1917 M
 Oliver, Lucile Elizabeth, A.B. 1915 L
 Olmstead, Charles Harold 1915 C
 Olney, Herbert Mason 1918 L
 Olney, Roy 1915 Ag
 Olsen, Arthur 1918 L
 Olson, George 1918 M
 Olsson, Axel, A.B. Grad
 O'Malley, James Gerald 1915 L
 Oppermann, William Wells 1916 L
 Orme, Charles Dickerson 1918 A
 Ormsbee, Hazel Grant 1915 A
 Ormsby, Louise Mary 1915 A
 O'Rourke, Charles Edward 1917 C
 Ornelas, Ernesto 1915 M
 Orr, Ralph William 1916 L
 Ortnier, Howard Burnship 1918 Ag
 Osborn, Francis Conrad, jr. 1918 M
 Osborn, Lois Curtis 1916 Ag
 Osborn, Marie Delano Spec Ag
 Osborne, Charles Herrick 1918 M
 Osborne, Loyall Allen, jr. 1918 M
 Osler, Frederic Bruce 1917 Ag
 Osner, George Adin, B.A. Grad
 Ostrofsky, Emanuel Maximilian 1915 A
 Oswald, Charles Louis 1917 Ag
 Othus, James Carey 1917 M
 Outtersen, Bettine Kathryn 1917 A
 Ovalle, Juan 1916 A
 Overholser, Earle Long, B.S. in Agr., M.A. Grad
 Overly, Elmer George 1917 Ag
 Overman, Oliver Ralph, A.B., A.M. Grad
 Owen, Carroll Hepburn 1918 A
 Owen, Harold Ray 1918 A
 Owens, James Thomas 1917 Ag
 Owens, Mark 1918 Ag
 Oxholm, Gustav Kiellam, B.A. 1918 M.D. (N. Y. C.)
- Pacello, Vincent Joseph 1917 C
 Page, Clarence Harold 1916 A
 Page, Robert Sawyer (1917 M) 1917 Ag
 Page, Roy Miller 1915 L
 Pallen, Frederick Gilbert 1917 M
 Palmer, Arthur, A.B. 1915 M.D. (N. Y. C.)
 Palmer, Archie MacInnes (1918 M) 1918 C
 Palmer, Harold John 1915 A
 Palmer, Maud Alice 1916 A
 Palmer, Ralph Gorman 1918 Ag
 Palmer, Sidney Douglass, A.B. 1915 M.D. (N. Y. C.)
 Palmer, Sidney Harvey 1917 Ag
 Palmer, Walter 1918 Ag
 Palmer, William Mark Spec Ag
 Panoff, Emanuel 1916 Ag
 Papazian, Hapet, B.Sc., E.E. Grad
 Park, Lucy Mary 1915 A
 Parke, Richard Averill 1917 M
 Parker, Blanche Laura 1918 A
 Parker, Gilbert Everhard 1916 C
 Parker, Ralph Coy Spec Ag
 Parkhill, Mortimer Smith 1917 M
 Parkhurst, Guy McMaster, A.B. 1915 M.D. (N. Y. C.)
 Parmenter, Richard 1917 C
 Parsell, Charles Victor, jr. 1917 A
 Parshall, Holmes Hollister 1917 M
 Parsons, Seth Gordon 1917 Ag
 Partridge, (Mrs.) Edith Geneva Spec Ag
 Pashkoski, Walter Alexander, B.S. 1917 A
 Pashkow, Morris Herman 1917 A (Chem)
 Passmore, Lincoln Alan 1918 M
 Patche, Roland Harrison, B.S. Grad
 Patrick, Arthur Sherman 1915 C
 Patterson, Alfred Bryan, jr. 1918 Ag
 Patterson, Stanley 1917 C
 Pattison, Jean Harwood, A.B. 1918 M.D.
 Patton, Cuyler Shaw 1918 M
- Worcester, Mass.
 New York City
 Ithaca
 Cleveland, O.
 Lockport
 Clayton
 Delhi
 Buffalo
 Ithaca
 Troy
 Vernon Centre
 Mertensia
 S. Norwalk, Conn.
 Chicago, Ill.
 Gloversville
 Olyphant, Pa.
 Poughkeepsie
 Atlanta, Ga.
 Ithaca
 Oswego
 New York City
 San Pedro, Mexico
 Adams, Mass.
 Buffalo
 Detroit, Mich.
 Ithaca
 Rochester
 Warrensburg
 Pittsburgh, Pa.
 Leonia, N. J.
 Ithaca
 Brooklyn
 Keuka Park
 Portland, Oregon
 E. Stroudsburg, Pa.
 Ocana, Columbia, S. A
 Harrisonville, Mo.
 Greensburg, Pa.
 Windfall, Ind.
 Millville, N. J.
 Gilroy, Cal.
 Willsboro
 Morristown, N. J.
 New York City
 Port Chester
 Westfield
 Newark, N. J.
 Forestdale
 New Rochelle
 Ripley
 Port Richmond
 Poughkeepsie
 Ithaca
 Oil City, Pa.
 Brooklyn
 Brooklyn
 Brooklyn
 Buffalo
 Brooklyn
 Bebek, Constantinople, Turkey-in-Europe
 Nyack-on-Hudson
 Minneapolis, Minn.
 Hunt
 Cedar Rapids, Ia.
 Spencerport
 Arlington
 Bath
 Geneva
 Ithaca
 Sioux Falls, S. D.
 Sharon Springs
 Ithaca
 Scranton, Pa.
 Newark, N. J.
 Philadelphia, Pa.
 Ithaca
 Utica
 Wilkinsburg, Pa.
 Denver, Col.
 Meriden, Conn.
 Akron, O.

- Paul, Benson Howard, B.S. Grad
 Paules, Parvin Elwood 1915 M
 Paulson, David Melvin 1916 Ag
 Peabody, Alexander Marshall 1918 Ag
 Peabody, George Eric 1918 Ag
 Peacock, Walter Miller, B.S. Grad
 Pearsall, George Martin 1915 M
 Pearson, Schuyler Hayt 1915 Ag
 Pease, Rodney Wesson Spec Ag
 Peck, James Oramel 1918 Ag
 Peck, Luther Smith 1917 V
 Peebles, Hubert Kenneth 1916 M
 Pefley, Harlen 1917 M
 Pekary, Charlotte Helen 1915 A
 Pelich, Joseph Roman 1916 Ar
 Pendleton, Claude M. 1918 C
 Penfield, Willis Edgar 1918 M
 Pennywitt, John Edward 1915 C
 People, Louis John 1919 M
 Pepper, Benjamin 1918 A
 Perdue, William W., Ph.C., M.D. Spec M.D. (N. Y. C.)
 Perkins, Charles Stuart 1918 Ag
 Perkins, Harold Charles 1915 M
 Perkins, Laurence Merton 1915 M
 Perkins, Nelson Secor 1915 C
 Perkins, Ralph Fulford 1917 Ag
 Perla, Jacob 1915 Ag
 Perlzweig, Jacob James 1918 Ag
 Perman, David 1918 Ag
 Perry, Arthur Cecil Fox, C.E. Grad
 Perry, Arthur Franklin, jr. 1916 C
 Perry, Frank Richmond 1916 Ag
 Perry, Henry Clinton Strawn 1918 A
 Perry, Lewis Chapin, jr. 1915 A (Chem)
 Perry, Raymond Arnold 1918 Ag
 Perry, Robert Ernest, jr. 1917 Ag
 Perry, Ruth Amor Spec Ag
 Pesant, Louis 1915 C
 Peters, Arthur Cushing 1915 A
 Petersen, Peter Theodore 1915 V
 Petterson, Oscar Gideon, B.S. 1915 M
 Pettibone, Dwight Crockett 1918 Ag
 Pettyjohn, Charles Raine 1918 M
 Pfeiffer, Charles Leonard 1918 A
 Pfeiffer, Karl Erwin, A.B. Grad
 Pfeiffer, Weyland 1916 A
 Pfohl, Corneli Nicholas, jr. 1916 Ag
 Phelan, Walter Francis 1917 A
 Phelps, Alfred Edward, B.A. 1915 M.D. (N. Y. C.)
 Phelps, Ethel Lowerre 1915 Ag
 Phelps, Samuel Bixby 1918 Ag
 Philippi, Carl August 1915 M
 Phillips, Dixon Coal 1916 A (Chem)
 Phillips, Charles Ainslie 1918 Ag
 Phillips, Charles Moore, jr. 1918 A
 Phillips, Cushing 1917 C
 Phillips, Harold Deane, A.B., B.S. in Agr. Grad
 Phillips, Juda Anna 1918 Ag
 Phillips, Laverne Samuel 1916 Ag
 Phillips, Percy Wilson 1915 L
 Phillips, Robert Fletcher 1918 A
 Phillips, Russel McKean 1916 Ag
 Phillips, Thomas 1917 A
 Phillips, Victor Bourn 1915 M
 Phillips, Walter Polhemus 1915 A
 Phipps, George Robinson 1915 Ag
 Phoenix, Harold Averil 1915 A
 Pickerill, Horace Mann, B.S. in Agr. Grad
 Pickett, Walter Herdman 1917 L
 Pickslay, William Walton 1915 M
 Pidgeon, Howard A. B.Sc., M.Sc. Grad
 Pierce, Frank Willis 1916 M
 Pierce, Leslie Edward 1916 C
 Pierce, Paul Perry 1918 Ag
 Pierce, William Marion 1918 A
 Pierce, Willis Franklin, jr. (1917 M) 1916 A
 Piersol, John Allison 1917 C
 Pierson, Arthur 1918 A
 Pierson, Elvin Lyle 1917 M
 Piester, Everett Andrew 1915 Ag
 Ping, Chin, B.S. Grad
 Berrybrook
 Danville, Pa.
 Centerville, S. D.
 Seattle, Wash.
 Wayland
 Ithaca
 Brooklyn
 Ithaca
 Buffalo
 Baltimore, Md.
 Buffalo
 Oswego
 Boise, Idaho
 Brooklyn
 Cleveland, O.
 Binghamton
 Fulton
 Pittsburgh, Pa.
 Brooklyn
 New York City
 Furman, Ala.
 Newark
 Ithaca
 Ithaca
 Mt. Vernon
 Selkirk
 Brooklyn
 New York City
 Brooklyn
 New Brighton
 Jacksonville, Fla.
 Churchville
 Jacksonville, Fla.
 Ithaca
 Dundee
 Westfield, N. J.
 Ithaca
 Havana, Cuba
 New York City
 Ferndale, Cal.
 Worcester, Mass.
 Bellingham, Wash.
 Lynchburg, Va.
 Philadelphia, Pa.
 Scarsdale
 Scarsdale
 Pittsburgh, Pa.
 Yonkers
 New York City
 Buffalo
 New York City
 New York City
 Plainfield, N. J.
 Ithaca
 Louisville, Ky.
 Brooklyn
 Brooklyn
 Crown Point
 Mayville
 Southampton
 La Junta, Col.
 Ithaca
 Sewickley, Pa.
 Cleveland, O.
 Fair Haven
 Buffalo
 Davenport, Ia.
 Ripley, O.
 Brooklyn
 Warwick
 Pennsville, Ohio
 Dunkirk
 Stamford, Conn.
 Machias
 Dunkirk
 Seattle, Wash.
 Charleroi, Pa.
 Meriden, Conn.
 Trumansburg
 Fort Edward
 Honan, China

- Pinney, Humphrey 1918 M
 Pinto, René Wentworth 1918 C
 Pitkin, Alson W. 1915 L
 Place, Hermann Gauntlett 1917 A
 Plana, Joseph Vincent 1919 C
 Plehn, George Joseph 1916 A
 Plough, Arthur Westyn 1917 Ag
 Plumb, Leon Alton, A.B. 1916 L
 Plumb, Norman Hale 1918 A
 Plummer, James Kemp, B.S., M.S., A.M. Grad
 Plunkett, Clarence Edward 1916 M
 Poehlman, James Elmer 1917 C
 Pohl, Ronald 1916 Ag
 Polishook, Joseph 1918 Ag
 Pollard, Alice Ellen 1915 A
 Pollard, Frank Howell 1915 A (Chem)
 Pollard, Ray Ford 1915 Ag
 Pollock, Jacob John, B.S. Grad
 Pollock, Lewette Beauchamp, A.B. Grad
 Polson, Alexander Vivian, B.A. 1917 M
 Pomeranz, Solomon 1918 Ag
 Pond, Dorothy 1918 A
 Poole, Gladys Eleanor 1917 Ag
 Portales, Luis Omar, A.B. 1918 M
 Porter, George Curtis 1917 Ag
 Porter, Henry Whittier 1917 M
 Porter, Milton Brown 1916 Ag
 van der Post, Andries Petrus, B.A. 1915 Ag
 Post, E. Sherwood 1917 A
 Post, George Birkbeck 1918 M
 Post, Ivan Edmund 1915 A
 Post, Louise May 1915 Ag
 Potar, Benjamin 1917 Ag
 Potter, Alfred Latimer, A.B. Grad
 Potter, Daniel Frederic, jr. 1916 M
 Potter, Mary Isabelle Spec Ag
 Potter, Mildred 1918 Ag
 Potter, Paul Milton 1915 Ag
 Potts, Marion Elsie 1915 A
 Pouch, Harold Rainsford 1916 L
 Powell, Glenn John 1917 V
 Powell, Henry Raymond 1915 Ag
 Power, Carleton Elderkin, B.S. Grad
 Powers, Patrick Francis 1918 Ag
 Powers, Thomas Brown, B.S. 1915 M
 Pratt, Benjamin Gildersleeve, jr. 1915 Ag
 Pratt, James Martin 1916 Ag
 Pratt, John Scott Boyd, jr. 1915 Ag
 Pratt, Joshua Dickson 1915 C
 Prentice, Thomas Harold 1917 C
 Preston, John Owings 1917 C
 Prettyman, Charles Burley, jr. 1918 M
 Prettyman, Jacob Edward 1916 C
 Price, Albert Eugene 1916 Ar
 Price, James David 1916 C
 Price, Thomas John 1919 M
 Price, Walter Van 1918 Ag
 Prickett, Thomas Baldwin 1916 A (Chem)
 Priess, Elon Henry 1915 Ag
 Priestler, Oscar Frederick 1917 C
 Priestler, Walter Adolph 1915 C
 Prince, Philip St. George 1918 M
 Prindle, Edward Brewster 1915 A
 Pringle, James Maxwell 1917 A
 Pritchard, Elizabeth Jane 1915 Ag
 Probes, Charles Frederick 1917 A
 Proctor, Jules Gabriel 1915 A
 Proper, Byron Saunders 1915 A (Chem) Grad
 Puff, Raymond Van Voorhis 1915 A
 Pughe, Arthur Rees 1918 Ag
 Pugsley, Earl D. 1916 A
 Purchas, Albert Edward 1915 A
 Purdy, Asa Robert 1915 M
 Purdy, Dorman Steele 1917 Ag
 Purdy, Dorothy Winifred 1918 Ag
 Purdy, George LeRoy 1916 C
 Purpura, Ida Frances 1918 A
 Putney, Charles Melton 1917 Ag
 Dougan Hills
 Racine, Wis.
 Corinth
 New York City
 Cienfuegos, Cuba
 New York City
 Vestal
 Macedon
 Bayonne, N. J.
 Raleigh, N. C.
 Rome
 Baltimore, Md.
 Brooklyn
 New York City
 Seneca Falls
 Auburn
 Whitney Point
 New York City
 Alliance, O.
 Winnipeg, Can.
 Brooklyn
 Crown Point
 New Rochelle
 Rancagua, Chile
 Upper Lisle
 Chelsea, Mass.
 Buffalo
 Philippiopolis, S. Africa
 Catskill
 New York City
 Catskill
 Ithaca
 New York City
 Hampton, Conn.
 Buffalo
 Farmington, Conn.
 Ithaca
 Altoona, Pa.
 Philadelphia, Pa.
 New Brighton
 Avon
 Hempstead
 Ithaca
 Cohoes
 Richmond, Va.
 Hackensack, N. J.
 New York City
 Honolulu, Hawaii
 Honolulu, Hawaii
 Bridgeport, Conn.
 Baltimore, Md.
 Merion, Pa.
 Seaford, Del.
 Port Arthur, Tex.
 Edwardsville, Pa.
 New York City
 Schenectady
 Palmyra, N. J.
 Eden
 Davenport, Ia.
 Davenport, Ia.
 Kosmosdale, Ky.
 New York City
 New York City
 Gary, Ind.
 Elmira
 Brooklyn
 Saratoga Springs
 Middletown
 Utica
 Salt Lake City, Utah
 New York City
 New York City
 Ithaca
 Ithaca
 Stamford, Conn.
 Herkimer
 New York City
 Brooklyn
 Ossining

Quail, Frank Wesley 1917 Ag
 Quarles, Ashwell James 1915 Ag

Quick, Clifford Daniel	1918 Ar	Ithaca
Quinlan, Alice Marie	1918 A	Port Richmond
Quinlan, Walter Leahy	1919 M	Dalton, Mass.
Quinn, John Joseph, jr.	1917 C	Brooklyn
Quinn, Maurice Arthur	1916 V	Norwich
Quintard, Alfred Lockwood	1917 M	Poughkeepsie
Radeloff, John Arthur	1916 A	Brooklyn
Radford, Charles Frederick	1915 C	Hermansville, Mich.
Raitt, John Archibald, B.S. in A.	Grad	Andes
Ramage, Raymond William	1917 M	Auburn
Ramirez, Reinaldo	1916 C	Cabo Rojo, P. R.
Ramsay, Charles Henry	1917 M	Albany
Rand, Leighton Payson	1916 A	Brooklyn
Randolph, George Fitz	1918 M	Atlantic City, N. J.
Range, Irving	1918 A	Buffalo
Ranger, Lawrence Schofield	Spec Ag	Philadelphia, Pa.
Ransley, George Nethanay	1916 V	Troy
Rapp, George Washington, jr.	1916 C	Cincinnati, O.
Rapp, William Jourdan	1917 Ag	Brooklyn
Rappaport, Samuel	1915 A	Jamaica
Rasch, Gustave Alexander	1915 M	Roland Park, Md.
Raseman, Richard Perrien	1918 Ar	Detroit, Mich.
Rasmussen, Andrew Theodore, A.B.	1918 M.D., Grad	Provo, Utah
Rathbun, Agnes Bogie	1915 A	Oneonta
Raub, Samuel Jackson	1915 Ag	Luzerne, Pa.
Ravenel, William de Chastignier	1918 M	Washington, D. C.
Ray, Arthur Benning, B.A., M.A.	Grad	Leaksville, N. C.
Rayfield, Frederick Harvey	1915 C	Chicago, Ill.
Rayford, Percy J., A.B.	1915 Ag	Augusta, Ga.
Raymond, Arthur Albert	1915 C	Buffalo
Raymore, Henry Bond	1916 Ag	Freeport
Raynarts, Sidney	1918 Ag	Rochester
Raynolds, Harold	1918 M	New York City
Rea, George Peters	1915 A	Hamburg
Read, Everett Charles	1917 M	Milwaukee, Wis.
Read, Stuart Arthur	1918 M	North Milwaukee, Wis.
Read, Walter Raymond	1915 M	North Milwaukee, Wis.
Reader, Charles Harry	1915 Ag	New York City
Rebman, Charles G.	1915 M	Dansville, Pa.
Rebmann, Paul Cooper	1918 M	Wyncote, Pa.
Rector, Charles Harmon	1917 Ag	Binghamton
Redwood, John Percy	1917 C	Bay Pond
Reed, Alfred, jr.	1917 Ag	Pittsburgh, Pa.
Reed, Bertha Mae	1918 Ag	Cortland
Reed, Eugene Barrett	1917 L	Springfield, Mo.
Reed, Harold Clifton	1917 A	Beacon
Reed, Linn Vander Hyden, A.B.	1917 M.D. (N. Y. C.)	New York City
Reed, Theodore Byington, Ph.B.	1916 M.D. (N. Y. C.)	New York City
Rees, Florence du Bois, A.B.	Spec M.D. (N. Y. C.)	New York City
Rees, Louis du Bois	1915 M	Ashville, N. C.
Reese, Frederick Schuyler, jr.	1918 A	Ilion
Reesor, Mary B.S., A.M.	1918 M.D.	New York City
Reeve, Elwood Seymour	1918 M	Mattituck
Reeve, Francis Wells	1917 Ag	Riverhead
Reeve, Irma Elizabeth	1916 A	Mattituck
Regan, John Joseph	1915 V	Wellsville
Regan, Leo Edmund	(1918 A) 1918 Ag	Toledo, O.
Regan, Stephen P.	1915 V	Wellsville
Regenstreich, Theodore	1919 C	New York City
Regnault, Harold	1917 Ag	New York City
Reib, Don Cleveland	1915 M	Dallas, Tex.
Reich, Walter Bellinger	1915 M	New Dorp
Reichert, Charles Joseph	1917 Ag	New York City
Reichle, Richard Carl Adolph	1917 Ag	S. Orange, N. J.
Reid, Ralph David, A.B.	1917 M.D. (N. Y. C.)	Schenectady
Reid, William Taylor	1918 C	Brooklyn
Reidy, Margaret Mary, A.B.	Grad	Ithaca
Reigluth, Ethel Anna	Spec Ag	Middletown
Reiley, James McKendree, jr.	1918 M	Buffalo
Reimer, Franz Henry	1918 M	Chicago, Ill.
Rein, Leopold, B.A., Ph.G., Ph.C., M.D.	Grad (N. Y. C. Med.)	Brooklyn
Reinicker, Lawrence Tischmyer	1916 C	Baltimore, Md.
Reisler, Paul Roebbling	1917 Ag	Buffalo
Reitzes, Morris Lewis	1918 Ag	Gloversville
Reller, Oliver August	1915 A	St. Louis, Mo.
Remey, William Butler	1915 Ag	Washington, D. C.
Renne, Norman	1915 A	Pittsfield, Mass.
Repp, Roscoe Conklin	1916 L	Bolivar
Rettig, Hugo Valentine	1917 A	Buffalo
Reutershan, Max Arthur	1915 Ar	Sag Harbor

- Reyes, Francisco Antonio, jr., B.Sc. 1916 C
 Reyes, Hermenegildo Balbino, B.A. 1918 M
 Reymond, Paul LeGrand 1916 M
 Reyna, Ysidro, M.E. Grad
 Reynolds, Andrew Jackson 1918 Ag
 Reynolds, Fred Arthur 1917 Ag
 Reynolds, John Alva 1918 Ag
 Reynolds, Maurice Walter 1918 Ag
 Reynolds, Ralph Keeler 1917 M
 Reynolds, Richard Joseph 1915 A 1918 M.D.
 Reynolds, Robert Norton 1918 Ag
 Rhodes, Gilbert Saxton 1916 Ag
 Ribble, Margaretha Antoinette, B.A. 1918 M.D.
 Ricciardi, Alfred 1916 A
 Rice, Florence May 1916 Ag
 Rice, Keryn ap (1918 M) 1918 A
 Rice, Thomas Alexander 1916 M
 Rice, Waldo Huntting 1916 M
 Rich, Francis Hamilton 1918 Ag
 Rich, Gilbert Joseph 1915 A Grad
 Rich, Stephen Gottheil, B.S. Grad
 Richards, Alma Wilford Spec Ag
 Richardson, Abraham Nathaniel 1918 M
 Richardson, Luther Locke 1917 M
 Richmond, Edward Avery, B.S. Grad
 Rickard, Grover Edgar, A.B. 1916 C
 Rickard, Guy 1918 Ag
 Ricketts, Bertha Louise, B.S., A.M. 1918 M.D.
 Ridgway, Andress Stanley 1916 M
 Ridgway, Herbert 1915 C
 Rienhoff, William Francis 1915 A
 Ries, Victor Heinrich 1915 Ag
 Rieser, Paul Anthony 1915 L
 Riffe, Jay 1915 A
 Rigdon, Henry 1916 M
 Rightmire, Delia Althea 1918 Ag
 Riker, Isaac Russell 1915 C
 Riley, Edgar Heisler 1915 A
 Riley, Effey Lena 1918 Ag
 Riley, Francis Wadsworth 1918 Ag
 Riley, Mark Raymond 1916 A
 Rimer, Paul Eugene 1918 Ag
 Rimoldi, Frank Julius Spec Ag
 Rinkenbach, William Henry 1915 A
 Ripley, Lynn Maxson 1918 Ag
 Ripley, Ralph Potter 1915 Ar
 Ritter, Frank Olin, A.B. Grad
 Roat, Robert Henry 1918 M
 Robb, Charles Francis Spec Ag
 Robbins, Chester May 1918 L
 Robbins, Francis John Spec M
 Robbins, George Bertram 1917 A
 Robbins, Henry Shaw, jr. 1919 M
 Robbins, Louis 1916 Ag
 Robbins, William Jacob, A.B. Grad
 Roberts, Francis Murray 1918 M
 Roberts, Fred White 1916 C
 Roberts, Hamilton Harvey 1919 M
 Robertson, Archie Hunt 1918 Ag
 Robertson, George William MacDonald 1918 A
 Robertson, Leslie Colville Spec M
 Robertson, William Wallace, jr. 1917 M
 Robinson, David, 2d 1918 M
 Robinson, Emma Zenania 1915 Ag
 Robinson, Jesse Morse 1917 A
 Robinson, Marvin Bert 1918 Ag
 Robinson, Melville Wilson 1915 C
 Robinson, Orin Pomeroy, jr. 1916 M
 Robinson, William Eber 1918 M
 Robinson, William Tobias 1918 M
 Robison, Ellis Howes 1918 Ag
 Robison, George Merritt 1916 A
 Robitschek, Jerome James 1918 A
 Robson, Joseph William Spec Ag
 Roche, Clifton Ross 1918 M
 Roche, Harry Edward 1918 A (Chem)
 Roche, Paul Joseph 1918 Ag
 Rochester, Gertrude, M.D. Spec M.D. (N. Y. C.)
 Roden, Henry Wisdom 1919 M
 Rodger, Katharine Marie 1917 Ag
- Santa Ana, Central America
 Bulacan, P. I.
 Kansas City, Mo.
 Ithaca
 Trumansburg
 Ithaca
 Rochester
 Johnstown, Pa.
 Danbury, Conn.
 Penn Yan
 Springville
 Ithaca
 Mytheville, Va.
 New York City
 Homer
 Montclair, N. J.
 Buckingham, Canada
 Lee, Mass.
 Springfield Gardens
 New York City
 New York City
 Parowan, Utah
 Rochester
 Rutherford, N. J.
 Brockton, Mass.
 Worcester
 Schoharie
 Jackson, Miss.
 Delanco, N. J.
 Camden, N. J.
 Springfield, Mo.
 Ithaca
 Poughkeepsie
 Hinton, W. Va.
 Sharon, Md.
 Trumansburg
 Caldwell, N. J.
 Wilmington, Del.
 Rochester
 London, England
 Orange, N. J.
 Harrisburgh, Pa.
 West New Brighton
 Mauch Chunk, Pa.
 Skaneateles
 North Adams, Mass.
 New York City
 Paterson, N. J.
 Webster
 West Harwich, Mass.
 Vernon, Canada
 Brooklyn
 Port Jervis, N. J.
 Brooklyn
 Ithaca
 Watertown
 Denver, Col.
 Lexington, Ky.
 Lonsberry
 Brooklyn
 Brisbane, Australia
 North Tonawanda
 Sewickley, Pa.
 Long Lake
 Washington, D. C.
 Walton
 Oil City, Pa.
 Corning
 Akron, O.
 Brooklyn
 Schenectady
 Cranberry Creek
 Rockaway Park
 Hall
 Louisville, Ky.
 Ithaca
 Dansville
 New York City
 Dallas, Tex.
 Richmond Hill

- Rodgers, William Blackstock, jr. 1918 Ag
 Rodriguez, Rodrigo Bennett 1915 M
 Roe, John Winans 1915 A Grad
 Roehrs, Walter Edward 1918 A
 Roese, Charles Julius 1916 M
 Roese, Katherine Ida 1915 A
 Rofe, LeRoy Edmund 1918 Ag
 Rogalsky, Fred August 1916 Ag
 Rogers, Alan Newton 1915 Ag
 Rogers, Bertram James 1917 Ag
 Rogers, Donald Spencer 1917 Ag
 Rogers, Edgar Albion 1918 M
 Rogers, Edward Dana 1916 Ag
 Rogers, Francis Elton, B.S. Grad
 Rogers, Frank George 1915 Ag
 Rogers, Frederick Lansing 1917 A
 Rogers, John Mulhall 1915 M
 Rogers, Newton Chauncey 1916 Ag
 Rogers, Remington, LL.B. 1916 A
 Rogers, Theodore Chittenden 1916 C
 Rohde, Frederick Leonard 1917 L
 Rohland, Louis Osmond 1916 Ar
 Rolnick, Joseph Herman 1918 Ag
 Romer, Winifred 1918 A
 Rood, Harold Joseph 1917 Ag
 Roof, Claude Webster 1917 M
 Root, Manly Bronson, A.B. 1918 Ag
 Root, Maurice Timothy 1915 A, 1918 M.D. (N. Y. C.)
 Roper, Frank Adams 1915 Ag
 Ropes, John Marling 1916 M
 Rose, Clifford Coutant, B.Chem. Grad
 Rose, John Kader, jr. 1915 C
 Rose, Maxwell 1917 A
 Rosen, George Julius 1917 Ag
 Rosenbaum, Benjamin 1917 A (Chem)
 Rosenberg, Jacob 1916 Ag
 Rosenberg, Josephine Mary Robertyna 1918 A
 Rosenberg, Walter Daniel 1918 M
 Rosenfeld, James Roy 1915 C
 Rosenthal, Archie Ulysses 1917 L
 Rosenthal, Florence Alma 1915 A
 Rosenthal, Frances Cleveland 1916 A
 Rosenthal, Jules Edmund 1915 C
 Rosenthal, Leon Judah 1915 Ag
 Rosenzweig, Samuel 1915 C
 Rosman, Joseph 1917 Ag
 Rosmarin, Abraham 1916 Ag
 Ross, Alan 1918 L
 Ross, Earle Dudley, Ph.B., Ph.M., A.M. Grad
 Ross, Edwin Delespine 1917 Ag
 Ross, Mayer Phineas 1916 A
 Ross, Samuel Louis 1915 A
 Ross, Sidney Henry 1917 Ag
 Ross, Virginia Myrtle 1918 A
 Rossiter, Clinton Lawrence, jr. 1917 M
 Roth, Charles Gereson 1917 L
 Roth, Hermann 1915 A
 Roth, Paul Krusa 1916 L
 Roth, Walter Earl 1917 M
 Roth, William Reinhard 1915 Ag
 Rothschild, Harold Jay, M.D. Spec M.D. (N. Y. C.)
 Rothwell, James Lee 1918 Ag
 Rotunda, Dominick Peter 1918 A
 Roush, William Luther 1919 M
 Routh, Joseph Phelan 1918 Ag
 Row, Glen George 1916 Ag
 Rowland, Charles Joseph 1917 A
 Rowland, John Burl 1918 M
 Rowland, John Henry, B.S. 1918 M.D. (N. Y. C.)
 Rowlee, Elizabeth 1917 A
 Royce, Knibloe Perry 1916 M
 de la Roza, Joaquin Julio 1916 M
 Rubin, Henry 1918 A
 Rubinger, Joseph 1916 Ag
 Ruby, George Casper 1915 M
 Ruckaberle, Henry Theodore 1915 Ag
 Ruckes, Herbert 1917 Ag
 Ruckgaber, Otto Ernest 1915 C
 Rugg, Glenne Wesley Spec Ag
 Rugg, Lottie Mae Spec Ag
- Pittsburgh, Pa.
 Felton, Cuba
 Warwick
 Madison, N. J.
 Buffalo
 Buffalo
 Preble
 N. Tonawanda
 Bivalve, N. J.
 North Stockholm
 Bivalve, N. J.
 Tucson, Ariz.
 Brooklyn
 Canandaigua
 Rochester
 Watertown
 Tonawanda
 Canandaigua
 Brooklyn
 Binghamton
 Stapleton
 Brooklyn
 New York City
 Ithaca
 Binghamton
 Utica
 Slaterville Springs
 Farmington, Conn.
 Owego
 Englewood Cliffs, N. J.
 Kingston
 Waco, Texas
 Franklin, Pa.
 Brooklyn
 New Haven, Conn.
 Brooklyn
 Binghamton
 Norfolk, Va.
 New York City
 St. Louis, Mo.
 Cleveland, O.
 Brooklyn
 Brooklyn
 Newark, N. J.
 New York City
 Garnerville
 New York City
 Brooklyn
 Smithboro
 Morristown, N. J.
 Brooklyn
 Brooklyn
 Brooklyn
 Brooklyn
 Brooklyn
 Richmond
 Vienna, Austria
 Brooklyn
 Buffalo
 Varysburg
 St. Paul, Minn.
 Elmira
 Dunkirk
 Proctorville, O.
 New York City
 Maple View
 Olean
 Warrensburg, Mo.
 New Brunswick, N.J.
 Ithaca
 Fulton
 New York City
 Brooklyn
 New York City
 York, Pa.
 Yonkers
 New York City
 Brooklyn
 Victor
 Victor

- Ruhe, Charles Edward 1915 Ar
 Ruhl, David Antes 1918 C
 Ruiz, Juan José 1917 M
 Rulifson, Edith Myra 1918 Ag
 Rulison, Harold Kirk 1915 Ag
 Rummell, Leslie Jacob 1916 A
 Ruoff, Frederic Lexington 1918 M
 Russel, William Muir 1917 A
 Russell, Auleen Bernice 1918 Ag
 Russell, Charles Little 1915 M
 Russell, Clyde Albert 1916 A
 Russell, Edwin Philip 1917 A
 Russell, Howard Carlyle 1916 M
 Russell, Louis Hezekiah, A.B. Grad
 Russell, Maurice Spencer 1918 Ag
 Russell, Orrin Storey 1917 Ag
 Russell, Parvin Masters 1915 M
 Russell, Robert Camp 1917 C
 Rutan, Russell Conklyn 1916 V
 Ruth, Leon George 1916 A
 Ryan, Emmett James, jr. 1918 Ag
 Ryan, Howard Peter 1915 Ag
 Ryan, Thomas James 1918 M
 Ryder, Earl Raymond 1915 M
 Ryder, Morton 1915 A 1918 M.D.
 Ryerson, Robert Emmett 1918 M
 Rynders, Victor Albert Spec Ag
- Saalfeld, Robert Sutton 1915 M
 Saavedra, Cesar Alejandro 1918 Ag
 Sabel, Samuel 1917 Ag
 Sabin, Grace Marguerite 1917 Ag
 Sachers, Gustave Eric 1917 Ag
 Saddler, Frank, jr. 1917 Ag
 Sager, Floyd Chauncey 1916 V
 St. John, Frank Lamar, jr. 1916 A (Chem)
 Salinger, Arthur, jr. 1917 M
 Salkeld, Charles Nathaniel Feagles 1918 Ag
 Salmow, Daniel 1918 M
 Salzman, Harry Abraham 1916 L
 Samkoff, Julius 1915 C
 Sammet, Joel Elwin 1917 A
 Samuels, Louis David 1918 Ag
 Samuelson, Herman Jerome 1916 Ag
 Sanborne, Paul Fitch 1916 Ag
 Sand, Austin Wertman William 1918 Ag
 Sandburg, Rudolph William 1917 A
 Sanderson, Albert Bowman, jr. 1916 C
 Sandford, Raymond Halsey 1916 A (Chem)
 Sando, Francis Blair 1918 M
 Sanford, Ezra Burt, A.B. 1916 M.D. (N. Y. C.)
 Sanford, John Alden 1916 M
 Sanford, Miles Blinn 1917 A
 Sanford, Roger Allen 1916 Ag
 Sanford, Raymond Prior 1916 Ag
 Sanford, Winthrop 1918 A
 Santee, Clyde Bennett 1917 L
 Santorelli, Katharine Alice Spec Ag
 Sargent, Anna May 1916 Ag
 Sarle, Charles Faye 1916 Ag
 Sarstedt, Gordon Arthur 1915 C
 Sattels, Joseph Tillon 1917 M
 Sauer, Howard Augustus 1916 V
 Saulnier, Theophile 1916 M
 Saunders, Harry Lovell 1915 Ag
 Saunders, Helen Elizabeth 1916 Ag
 Saunders, Paul Albertus, B.S. Grad
 Saunders, Walter LeRoy 1917 C
 Sauters, John Davis 1919 M
 Savage, Clifford Boynton, B.S.A. Grad
 Scala, Joseph 1918 L
 Schaaf, Rudolph George, Jr. 1918 M
 Schabana, Marion 1916 Ag
 Schaefer, Frederick LeRoy (1918 C) 1918 M
 Schaefer, John Joseph 1917 V
 Schaetzel, Julius 1917 M
 Schantz, Philip Traver 1918 Ag
 Schartel, Lyle Thomas 1917 M
 Schatz, Nathan Arthur 1915 L
 Schauf, Willis Adam 1916 L
 Scheckel, William Boulton 1917 C
 Scheer, Archie Donald 1917 A
- Allentown, Pa.
 Des Moines, Ia.
 Banes, Oriente, Cuba
 Scottsville
 Angelica
 Newark, N. J.
 Binghamton
 Detroit, Mich.
 Canastota
 Buffalo
 Seward
 Crown Point
 Glenbrook, Conn.
 Baltimore, Md.
 Carbondale, Pa.
 Warren, Pa.
 Lansdowne, Pa.
 St. Louis, Mo.
 Goshen
 Clinton
 Seneca Falls
 Syracuse
 Chicago, Ill.
 Chicago, Ill.
 Carmel
 Middletown
 Cohocton
- Akron, O.
 Pacasmayo, Peru
 New York City
 Spencer
 Peekskill
 Ithaca
 Barton
 Brooklyn
 New York City
 Rutherford, N. J.
 Brooklyn
 Newark, N. J.
 New York City
 Brooklyn
 Mt. Vernon
 Brooklyn
 Elmira
 Lockport
 Olean
 Springfield, Mass.
 Bridgehampton
 Scranton, Pa.
 Rutherford, N. J.
 Warwick
 La Grange, Ill.
 Eagle Pass, Tex.
 Ithaca
 Warwick
 Middletown
 Ithaca
 Boonville
 New Berlin
 Cleveland, O.
 Plainfield, N. J.
 Rochester
 Media, Pa.
 Horseheads
 Brooklyn
 Leonardsville
 Washington, D. C.
 Martins Ferry, O.
 Frankfort, Mich.
 Bayonne, N. J.
 Nutley, N. J.
 New York City
 Cincinnati, O.
 New York City
 Los Angeles, Cal.
 Highland
 Reading, Pa.
 Hartford, Conn.
 Brooklyn
 Brooklyn
 Newark

- Scheetz, Francis Harley 1916 A (Chem)
 Schelleng, John Christopher 1915 A
 Schenck, Hal Emerson, B.S. 1916 A (Chem)
 Scherago, Morris 1917 Ag
 Schereschevsky, Pincus 1917 Ag
 Schermerhorn, Mildred 1918 A
 Schively, Gale Roots 1917 M
 Schlager, Charles 1915 A
 Schlecht, Martin Frederick 1917 A
 Schleicher, Francis Grant von Margius 1916 Ag
 Schlein, Paul 1918 Ag
 Schlichter, Fred Paul 1916 Ag
 Schlitz, Karl Washington 1917 A (Chem)
 Schmeck, Harold Marshall 1918 Ag
 Schmid, Hermann 1917 C
 Schmid, John Haviland 1918 A
 Schmid, Walter 1918 M
 Schmidt, Clarence Woodbridge 1917 M
 Schmidt, Dagmar Alfvén 1918 A
 Schmidt, Karl Patterson 1916 A
 Schmidt, Olive Josephine 1918 A
 Schmied, Erich Ernest Frederick 1915 C
 Schmitt, Daniel Witmer Spec Ag
 Schnackenberg, George Hermann 1916 L
 Schnapp, Herman 1918 Ag
 Schnedeker, William Arthur 1915 A (Chem)
 Schneider, Herbert Collins 1917 M
 Schneider, John Montgomery 1918 A
 Schneidman, Samuel 1915 V
 Schnirel, Anna Elizabeth 1918 A
 Schock, Arthur Patterson 1916 A
 Schoeffler, Freida Helena 1918 A
 Schoen, Adolph, M.D. Spec. M.D. (N. Y. C.)
 Schonour, Marx Hare 1915 Ag
 Schotland, David Thomas 1915 A
 Schradieck, Henry Edward 1916 Ag
 Schreuder, Peter Juriaan von der Heyde, B.A. Grad
 Schuknecht, Lester Charles 1916 Ag
 Schuler, Harold Arnold 1916 Ag
 Schulte, Max John Lacy 1915 M
 Schultheis, Daniel, A.B. 1917 M.D. (N. Y. C.)
 Schultheis, William 1915 Ar
 Schultz, David 1918 A (Chem)
 Schultze, Emily Christine 1917 L
 Schultze, Louis Charles 1916 C
 Schumm, Paul Berwig 1916 Ag
 Schurman, Jacob Gould, jr. 1917 A
 Schuster, Carl Theodore 1918 A
 Schwadron, Samuel, B.A. 1918 M.D. (N. Y. C.)
 Schwarte, Louis Harold 1918 Ag
 Schwartz, Benjamin 1918 Ag
 Schwartz, Bertram Henry 1915 Ag
 Schwartz, Edgar Louis 1917 Ag
 Schwartz, John Rupley 1918 L
 Schwartz, Leslie Charles 1918 A
 Schwartz, Samuel 1918 Ag
 Schwarzbach, Olga Pauline 1915 A
 Schwarzbach, Paul Louis 1918 Ag
 Schweinler, Carl Lewis 1917 Ag
 Schwerha, Methodius 1919 M
 Scileppi, Francis Paul 1917 C
 Scofield, Jay Douglass 1916 Ag
 Scott, Frederick Bartlett, jr. 1919 M
 Scott, Philip Lane 1915 M
 Scoville, Ralph Irving, B.S. Grad
 Scudder, Galen Fisher, A.B. 1917 M.D. (N. Y. C.)
 Scureman, Thomas Ritchey 1915 Ar
 Scutt, Dana Rolland 1917 V
 Scutt, Harold Higbie 1917 M
 Seaman, Bleecker Noel Provoost 1919 C
 Seaman, Van Brunt 1918 C
 Searles, Harold Napton 1917 M
 Sears, Charles Henry 1918 A - (Chem)
 Seaver, Lloyd Badger 1917 Ag
 See, Herbert Frederick 1917 Ag
 Seeger, Eva May 1918 A
 Seeley, Earle Tull 1919 Ar
 Seely, Walter Gilbert 1915 A
 Seely, William Elmer 1917 A
 Norristown, Pa.
 Holyoke, Mass.
 Lawndale, N. C.
 Brooklyn
 Ithaca
 S. Glens Falls
 Ithaca
 Binghamton
 Syracuse
 Long Island City
 Brooklyn
 Yonkers
 Brooklyn
 La Salle
 New York City
 Brooklyn
 Kingstown
 Des Moines, Ia.
 Ithaca
 Stanley, Wis.
 Spring Valley
 Baltimore, Md.
 Niagara Falls
 Cornwall
 New York City
 Corona
 Washington, D. C.
 Springfield, Mo.
 New York City
 Geneva
 Mt. Joy, Pa.
 Schenectady
 New York City
 Womelsdorf, Pa.
 Newark, N. J.
 Ithaca
 Standerton, U. of S. Africa
 South Lima
 Mt. Vernon
 Ridgewood, N. J.
 College Point
 College Point
 New York City
 Brooklyn
 Brooklyn
 New York City
 Ithaca
 Lakewood, O.
 New York City
 Saratoga Springs
 Brooklyn
 West New Brighton
 West New Brighton
 Poughkeepsie
 New York City
 Brooklyn
 Brooklyn
 Brooklyn
 West Orange, N. J.
 Glassport, Pa.
 Elmhurst
 Candor
 Syracuse
 Yonkers
 Plainville, Conn.
 Glastonbury, Conn.
 Nanticoke, Pa.
 Olean
 Penfield
 Brooklyn
 Brooklyn
 E. Orange, N. J.
 Holyoke, Mass.
 Brooklyn
 New York City
 Chatham
 Spokane, Wash.
 Poughkeepsie
 Poughkeepsie

- Seelye, Betty Eggleston 1916 A
 Segall, Benjamin Isaac, A.B. (1917 M) (1916 A Chem.)
 Segnitz, Paul Herman 1917 A (Chem)
 Seham, Max, M.D. Spec M.D. (N. Y. C.)
 Seibert, Edwin William 1917 M
 Seiler, Lloyd Russell 1918 M
 Seipp, Sophie 1915 A
 Seley, Samson Abraham 1918 A
 Seligmann, William John 1917 A
 Senecal, Henry Jess 1919 C
 Senzstacken, Royal Francis, A.B. 1916 M.D. (N. Y. C.)
 Senn, Isabel Ruth 1918 A
 Serota, Louis 1918 Ag
 Seubert, Wilfred Andrew 1915 Ag
 Seulke, Karl John, B.S., M.S. Grad
 Severance, Mildred 1915 A
 Severy, Harold Allen, A.B., A.M. Grad
 Sexton, Joseph Michael 1915 C
 Sexton, Marjorie Gertrude 1918 Ag
 Seymour, Alonzo Morton 1918 M
 Seymout, Clinton Kirby 1916 L
 Shakespeare, Edward Oram 1916 Ar
 Shallna, Anthony Oswald 1916 A
 Shaner, Robert Heller 1915 A
 Shanly, John Sexton 1918 Ag
 Shannon, Adrian Foote 1918 Ag
 Shannon, Harvey DeWitt 1915 A (Chem)
 Shaper, Bernard William, B.S. Grad
 Sharlet, Herman, B.A., B.S. 1917 M.D. (N. Y. C.)
 Sharp, Herbert Medill 1915 M
 Shaul, Ray Levi, Ph.B. Spec Ag
 Shaw, Arnold Campbell 1918 Ag
 Shaw, Dorothy Mary 1917 A
 Shaw, Horace Wright 1915 M
 Shaw, James Roger 1916 L
 Shaw, Martin 1918 M
 Shaw, Sylvester Edward 1915 M
 Shaw, Stanley Newman 1918 A
 Sheaffer, Joseph Guy 1916 M
 Shearer, Lee Ceylon 1916 A
 Sheets, A. Wallace Spec Ag
 Sheffey, Robert Alexander 1916 Ar
 Sheffield, Walter Hershey 1915 Ag
 Shelley, Leander Iyon 1917 L
 Shelp, Edward Nelson 1917 Ag
 Shelton, Murray Norcross 1916 C
 Shelton, William Bristol 1918 M
 Shempp, William Howard 1917 Ag
 Shen, Sumin Ellsworth 1915 A
 Shepard, Charles Dorman 1917 M
 Shepard, John Berdan, B.S.A. (Grad) 1915 A
 Shepard, Mina Electa 1915 Ag
 Shepard, Wallace Edward, jr. 1919 C
 Sherburne, Arthur John 1918 A (Chem)
 Sheren, Nathan 1916 Ag
 Sherman, John Rogers 1915 Ag
 Sherry, Alden Bradford 1917 A
 Shershevsky, Arthur Louis 1917 L
 Sherwood, Clinton Everett 1917 A
 Sherwood, Florence Kathryn 1917 Ag
 Sherwood, Francis Webber, B.S., M.S. Grad
 Sherwood, Harold Frederick 1916 Ag
 Shigley, James Fremont, B.Pd. 1915 V
 Shimkin, Nathan 1915 L
 Shinaman, Harvey Ray 1915 L
 Shindelman, Samuel Harvey 1916 V
 Shing, Shao-Chang 1917 C
 Shipman, Samuel Saul 1918 C
 Shiverick, Francis Toby 1918 A
 Shoemaker, Horace Austin 1915 Ag
 Shontal, Paul Frederick 1915 A
 Shook, Louis Lathrop 1916 V
 Shoulkin, Simon 1918 Ag
 Shuler, Charles 1915 Ag
 Shull, Clare Orris 1917 M
 Shulman, Henrietta Claudia 1915 Ag
 Shultz, Abraham 1917 Ag
 Shultz, George Lester 1917 L
 Shultz, Ralph Merton 1915 C
 Shuman, William Darlington Mullen 1918 M
 Shwartz, Simon James, jr. 1918 Ag
 Siaca, Ramon E. 1916 L
- Lake George
 Mt. Vernon, Ga.
 Milwaukee, Wis.
 Minneapolis, Minn.
 Buffalo
 Shamokin, Pa.
 New York City
 New York City
 Buffalo
 Watertown
 Stony Point
 Batavia
 Brooklyn
 Camden
 Ithaca
 Buffalo
 Brandon, Vt.
 New York City
 Easton, Pa.
 Peekskill
 Saginaw, Mich.
 Philadelphia, Pa.
 Scranton, Pa.
 Boyerstown, Pa.
 Binghamton
 New York City
 Middletown
 Herkimer
 Brooklyn
 Buffalo
 Ilion
 Central Valley
 Lake George
 Buffalo
 Rockland Lake
 Rockland Lake
 Olcott
 Denver, Col.
 Wyane, Pa.
 Ithaca
 Camden, N. J.
 Lynchburg, Va.
 Nyack
 Middletown
 Amsterdam
 Dunkirk
 Dunkirk
 Barnard
 Shanghai, China
 LeRoy
 Buffalo
 Honeoye Falls
 Omaha, Neb.
 Schenectady
 New York City
 New York City
 Troy
 Hartford, Conn.
 Bridgeport, Conn.
 Freeville
 Raleigh, N. C.
 Ithaca
 Hart, Mich.
 Brooklyn
 Troy
 Brooklyn
 Chengtu, China
 Brooklyn
 Chicago, Ill.
 Syracuse
 New York City
 Red Hook
 Brooklyn
 Davenport, Ia.
 Baltimore, Md.
 Watkins
 Brooklyn
 Skaneateles
 Skaneateles
 Pittsburgh, Pa.
 New Orleans, La.
 San Juan, P. R.

Sibert, Edwin Luther	1918 A	Ithaca
Sibert, Harold Ward, M.E.	Grad	Gatun, Canal Zone, Panama
Siebern, William Durrell	1917 A	Cincinnati, O.
Siegel, Lester Vogel	1916 A	Chicago, Ill.
Siegel, Michael	1915 A (Chem)	New York City
Siegel, William	1918 Ag	New York City
Sierk, Leo Carmi	1915 V	Attica
Sierk, Ray Grant	1915 Ag	Attica
Sigsby, Robert Ernest	1918 Ag	Saratoga Springs
Silbert, Joseph	1915 A	Buffalo
Siler, Laurence Norman	1916 M	Ithaca
Silverstein, Louis Julian	1918 Ag	New York City
Simon, Abraham	1918 Ag	New York City
Simonds, Frank Gregory	1916 Ag	West Dover, O.
Simpson, Florence Agnes, B.A.	1918 M.D.	Brooklyn
Simpson, Ruth Virginia Jane	1917 A	New York City
Sinclair, Frazer Vautin	1917 Ag	New York City
Singer, Leland William	1917 A	Genoa
Sirrinc, Horace Stilwell	1918 A	Trumansburg
Sisson, Howard Spencer	1918 Ag	Sherburne
Sisson, Stanley Howe	1917 Ag	Potsdam
Sivian, Leon John	1916 A	Brooklyn
Skillman, George Sprague	1915 V	Norwich
Skinner, Louis Raymond	1917 Ag	Lakewood
Skinner, Robert Alexander	1918 C	New York City
Skinner, Winifred	1918 A (Chem)	Rochester
Slack, Clarence Merle	1916 Ag	Black River
Slack, Dexter Sanford	1917 V	Speculator
Slattery, Thomas August	1917 A (Chem)	Troy
Sleeper, Harold Reeve	1915 Ar	Manila, P. I.
Slimm, John Bernard	1917 A (Chem)	Cleveland, O.
Slinkard, Edmund Tripp	1916 Ag	Brooklyn
Slocum, Charles Leslie, B.S.	Grad	Ithaca
Slocum, Harold William	1918 Ag	Warasw
Sly, John Lazear, A.B.	1917 M.D. (N. Y. C.)	Warwick
Smaltz, John Conduct	1915 M	St. Davids, Pa.
Smiley, Dean Franklin	1916 A	Ithaca
Smith, Alfred Georgia	Spec Ag	Treadwell
Smith, Alonzo Nelson	1918 M	New York City
Smith, Andrew Lenox	1915 A	Bolton Landing
Smith, Arlington Edward	1916 Ag	North Tonawanda
Smith, Arthur Lewis, D.V.M.	Grad	Catskill
Smith, Benjamin Adams	1917 M	Salamanca
Smith, Bernard E. E.	1915 M	College Park, Ga.
Smith, Carl Dickey	1917 Ag	Ithaca
Smith, Charles Alexander, jr.	1917 A	Chester, W. Va.
Smith, Charles Orchard	1916 Ag	Wooster, O.
Smith, Charles Vivian, A.B.	Grad	Crawfordsville, Ind.
Smith, Chester Bangs	1918 M	Buffalo
Smith, Clare Ray	1915 A (Chem)	Ithaca
Smith, Clifford Durand	1917 M	South Bend, Ind.
Smith, Donald McDougal	1917 M	Elizabeth, N. J.
Smith, Donald Mennell	1915 A	Jeannette, Pa.
Smith, Editha Cora	1917 Ag	New York City
Smith, Edwin	1917 Ag	Brooklyn
Smith, Ellasson Raymond	Spec Ar	Ithaca
Smith, Elmer Herbert	1918 Ag	Deerfield
Smith, Elwyn Lawrence	1917 M	Syracuse
Smith, Ernest Edward	1916 A	Skaneateles
Smith, E. Milton	1916 Ag	Brooklyn
Smith, Ernest Rice, A.B.	Grad	Oberlin, O.
Smith, Fabian McKeon	1917 Ag	Spokane, Wash.
Smith, Frank Ward	1918 A	Fredericksburg, Va.
Smith, Frederick John	1916 M	Greenport
Smith, Gladys Elizabeth	1916 Ag	Ithaca
Smith, George Herbert	1918 Ar	Ithaca
Smith, Harlond Leander	1916 Ag	Auburn
Smith, Harold Franklin	1916 Ag	Geneva
Smith, Helen Christiana	1915 A	Philadelphia, Pa.
Smith, Herbert Hoffer	1916 M	Buffalo
Smith, Howard Cook	1917 M	Buffalo
Smith, Jonas Milton	1918 L	Sharon Springs
Smith, Julia Elizabeth	1916 A	Memphis, Tenn.
Smith, Lawrence Victor	1918 A	Toledo, O.
Smith, Le Grande	1918 M	Elmira
Smith, Martha Evelyn	1916 Ag	Baltimore, Md.
Smith, Martha Towne	Spec A	Ithaca
Smith, Mary Elizabeth	1916 A	Mahanoy City, Pa.
Smith, Ralph Claude	1915 A	Rhinebeck
Smith, Reuben Elijah	1915 V	Catskill
Smith, Robert Alfred	1917 A	Buffalo

Smith, Russell Lloyd	1917 C	Brooklyn
Smith, Russell Orin Lamont	1918 Ag	Buffalo
Smith, Ruth Howard	1916 Ag	Ithaca
Smith, Selby Gilbert	1916 L	Buffalo
Smith, Sidney William, jr.	1917 L	Ogdensburg
Smith, Stanley Edward	1916 A	Geneva
Smith, Theodore Levi	1916 C	Forty Fort, Pa.
Smith, Walter Fox	1918 A	Watertown
Smith, Walter Robert, A.B.	1916 M	Decatur, Tenn.
Smith, Willard Lapham	1918 Ag	Buffalo
Smith, William Dudley	1915 A	Schenectady
Smith, William Randolph	1916 A	Brooklyn
Snedeker, Marion Elizabeth	1916 A	Brooklyn
Snively, William John	1916 C	Chicago, Ill.
Snow, Alice Tuckerman	1915 Ag	Fairport
Snow, Beatrice Spec	Ag	Ithaca
Snow, Evelyn Marring	1918 A	Fairport
Snow, Frank	1917 Ag	Camden
Snyder, Elmer, B.S.	Grad	Valatie
Snyder, Floyd William	1917 Ag	Laceyville, Pa.
Snyder, Harry Hallowell	1917 Ag	Brooklyn
Snyder, Herbert	1916 A	Ithaca
Snyder, Robert Mifflin, B.S.	Grad	East Lansing, Mich.
Snyder, Selma	1915 A	Philadelphia, Pa.
Sobel, Julius	1916 C	Brooklyn
Soderholm, Walter Harold	1918 Ag	Syracuse
Sohon, Julian Arell	1918 A (Chem)	New York City
Solfleisch, Florence Madelina	1918 L	Bogota, N.J.
Soman, Philip Ephraim	1918 C	New York City
Sophrien, Michael	1915 A	Brooklyn
Souder, Clement Franklin, jr.	1916 M	Toledo, O.
Souders, Josephine Overton	1916 A	Phillipsburg, N. J.
Southworth, Edward Philip	1917 V	Dryden
Sovocool, Benjamin Franklin	1916 L	Ithaca
Spafford, Bessie Marguerite	1916 Ag	Moravia
Spalding, (Miss) Helen	1916 Ag	Lowell, Mass.
Spamer, George Adam	1915 Ag	New York City
Spaulding, Roy Henry	1915 V	Lyndonville
Spear, George Perkins	1916 C	Passaic, N. J.
Spear, Robert James	1917 A (Chem)	Cleveland, O.
Speed, Christopher MacNair	1918 M	Baltimore, Md.
Speidel, William Henry	1916 Ag	Poughkeepsie
Speiden, Clement Leith	1915 A	Summit, N. J.
Spencer, Arvine Martin	1915 Ag	Lisle
Spencer, Leland	1918 Ag	Elmira
Sperry, Edward Goodman	1915 M	Brooklyn
Sperry, Elmer Ambrose, jr.	1918 M	Brooklyn
Speyer, Laura Evelyn	1916 Ag	Buffalo
Spiegelberg, Frederick, jr.	1916 Ag	New York City
Spiegelberg, George Alfred	1918 A	New York City
Spielman, Charles	1915 C	Brooklyn
Spillman, Ramsay, A.B.	1917 M.D. (N. Y. C.)	Washington, D. C.
Spindler, Abraham Morris, B.A.	1917 M.D. (N. Y. C.)	New York City
Spindler, Mabel Clara	1918 Ag	Olean
Sponable, Earl Inn	1916 A (Chem)	Burlington Flats
Sprague, John Lane	1918 M	Minneapolis, Minn.
Spransy, Milton Robert	1915 Ag	Washington, D. C.
Spratt, James Bishop	1918 C	Jacksonville, Fla.
Spreckels, Charles Herman, jr.	1917 M	Brooklyn
Spring, Mabel Madeline	1916 Ag	Port Henry
Sprong, Edward Albert, jr.	1917 M	New York City
Sprott, Thomas Zenas, A.B.	1917 C	Spartanburg, S. C.
Stacy, Stanley Consider	1919 C	Buffalo
Stacy, Thomas Ford	1917 A	Springfield, Ill.
Staebler, Karl Merner	1918 Ag	Brooklyn
Stafford, David Anderson	1917 A	Plattsburgh
Stahl, Charles	1918 A	Albany
Stahl, Gustave David	1917 M	Berlin, N. H.
Staley, Frank Marcellus, A.B.	1915 Ag	Americus, Ga.
Staley, Lucien Homer, B.S.	1915 M	Washington, D. C.
Stalker, John Howard	1918 C	Montclair, N. J.
Stalter, Charles Cooper	1918 L	Paterson, N. J.
Stambaugh, John, 2d	1915 A	Youngstown, O.
Stampfer, Joseph Frederick, jr.	1917 A	Dubuque, Ia.
Standish, Livingston Miner	1919 M	Springville
Stanley, Carl	1917 M	Buffalo
Stanley, Harold Malcolm	1915 Ag	Syracuse
Stansbury, Charles Fasset	1915 Ag	Corning
Stansbury, Norman Price	1918 C	Baltimore, Md.
Stanton, Casper	1918 Ag	Norwich
Stanton, Donald Tennyson	1915 M	Chicago, Ill.

- Stanton, Ernest Newman 1916 A (Chem)
 Stanton, Henry Francis 1916 Ar
 Stapley, Edward Ray, C.E. Grad
 Starkweather, Dorothy Annie 1916 Ag
 Starr, Charles Frederick, B.S. 1915 C
 Starr, Frederic Hill 1916 A
 Starr, Ruth 1917 Ag
 Starrett, Clara Covert 1918 A
 Stasch, Benjamin Harrison 1915 Ag
 Statler, David Clark 1918 Ag
 Staunton, William Field, jr. 1917 Ar
 Steacy, John Wesley 1918 A (Chem)
 Stearns, Ralph Omar 1916 Ag
 Stecker, Margaret Loomis, A.B. Grad
 Stedman, Edward Randolph 1919 M
 Steele, Clara Mathilde, B.S. (Spec Ag) Grad
 Steele, Ernest William 1918 C
 Steele, Lawrence John 1915 Ag
 Steele, Milton Hoyt 1917 L
 Steer, Henry Bake, B.S. Grad
 Steffens, Herbert George 1918 Ag
 Stein, Abraham Irving 1918 Ag
 Stein, Myer 1916 C
 Steinbrenner, Julius Frederick 1916 L
 Steinrock, Franklin Kern 1918 M
 Steljes, Martin 1915 C
 Stenberg, Charles 1916 L
 Stenbuck, Frederick Augustus 1917 Ag
 Stephens, Charles Wainwright 1915 A
 Stephenson, Guy Baker, 1916 C
 Stephenson, Hadley Carruthers 1915 Ag
 Stephenson, Lida Mosher 1916 Ag
 Stern, Arthur Leo 1917 A (Chem)
 Stern, Howard Eugene 1917 Ag
 Sternberger, Robert Oscar 1917 M
 Steve, Norman Damon, B.S. Grad
 Steve, Raymond Frederic 1915 Ag
 Stevens, Charles Leigh 1916 M
 Stevens, George May 1916 A
 Stevens, Gurdon Bull 1918 Ag
 Stevens, Henry Andrews 1917 A
 Stevens, Mary Dye 1917 Ag
 Stevens, Philip Horace, 1915 Ag
 Stevens, Robert Bentley 1918 Ag
 Stevenson, Lila Virginia 1916 A
 Stewart, Fred Waldorf 1916 A
 Stewart, Leon Wendell 1917 A
 Stewart, Roger Eaton 1917 Ag
 Stilson, James Barney 1915 L
 Stitts, Thomas Gregory 1915 Ag
 Stobbs, William Malcolm 1915 A 1918 M.D.
 Stobo, Jeannette Russell, A.B. 1917 M.D. (N. Y. C.)
 Stocking, Walter Hervey 1915 M
 Stockton, Charles Augustus 1918 Ag
 Stockton, William Stone 1916 M
 Stoddard, Allyn Denison 1916 M
 Stokes, Arthur McGrath, A.B. 1918 M.D. (N. Y. C.)
 Stokoe, Hazel Irene 1917 Ag
 Stolz, Alexander Francis 1918 C
 Stone, Dorothy Atwell 1917 Ag
 Stone, Edward Stanley 1917 V
 Stone, Ira John 1916 M
 Stone, Joseph Leonard 1916 M
 Stone, Morris 1915 C
 Stone, Norman Stewart 1915 M
 Stone, Samuel Edwin 1915 Ag
 Stonebraker, Donald Earl 1917 A
 Stoneman, Frederic Frank 1915 A
 Stotchik, Julius 1916 V
 Stotz, John Kenning 1916 M
 Stouffer, Paul Metcalfe 1918 A (Chem)
 Stout, Beecher Franklin, M.D. Spec M.D. (N. Y. C.)
 Strand, Harold Magnus 1915 Ag
 Stratton, Abram Gaar 1916 A
 Stratton, Mark Hayne 1915 A
 Straub, Olive 1916 A
 Strauch, Albert Theodore, jr. 1916 M
 Strauss, Carl Waldemar, B.S. Grad
 Strebel, Robert Louis 1917 A
 Stricker, Paul Frederick 1917 A (Chem)
 Strong, Frederic W. 1917 A
 Grosse Ile, Mich.
 Grosse Ile, Mich.
 Geneseo
 Bloomfield, N. J.
 Rochester
 Easton, Md.
 Homer
 Interlaken
 Corning
 Jersey City, N. J.
 Los Angeles, Cal.
 Columbia, Pa.
 Winthrop
 Mt. Vernon
 Springville
 Schenectady
 Philadelphia, Pa.
 Fairport
 Binghamton
 Albany
 New York City
 Brooklyn
 Brooklyn
 Niagara Falls
 Port Richmond
 New York City
 Union Hill, N. J.
 Brooklyn
 Detroit, Mich.
 Ithaca
 Ogdensburg
 Aurora
 Paterson, N. J.
 Philadelphia, Pa.
 Bloomfield, N. J.
 Pittsford
 Pittsford
 Muskegon, Mich.
 Rome
 Granville
 Buffalo
 Owego
 Homer
 Ithaca
 Brooklyn
 Binghamton
 Bainbridge
 Plainfield, N. J.
 Candor
 Mt. Vision
 Ithaca
 New York City
 Coudersport, Pa.
 Jacksonville, Fla.
 Bristol, Conn.
 Hartford, Conn.
 Union Hill
 Scottsville
 Yonkers
 Ithaca
 Waverly, Pa.
 Steelton, Pa.
 Utica
 Amsterdam
 Wausau, Wis.
 Woodbine, N. J.
 Memphis, Tenn.
 Columbus, O.
 Coney Island
 Crafton, Pa.
 Mercersburg, Pa.
 San Antonio, Texas
 Jamestown
 Chicago, Ill.
 Ridgeway, N. J.
 Minersville, Pa.
 New York City
 St. Louis, Mo.
 Buffalo
 Hamilton, O.
 Cornwallville

Strong, Harry Morrill 1918 M	Willseyville
Strong, Helen Shaurman, A.B. Grad	Germania, Pa.
Strong, Hewlett Peters 1917 L	Ogdensburg
Strong, Howard Herkimer 1918 Ag	Sherman
Strong, James Louis 1918 M	Turin
Strotz, Harold Charles 1917 A	Winnetka, Ill.
Stuart, Thomas Merceron 1915 C	Baltimore, Md.
Stückle, William Ferdinand 1917 A	Montclair, N. J.
Stults, Herbert Milton 1917 Ag	Brooklyn
Stuntz, Hugh Clark, B.A. Grad	New York City
Stupp, Charles Gasner 1916 A (Chem)	Auburn
Sturcken, Harold Eugene 1917 A	Albany
Sturges, Frank, jr. 1916 A (Chem)	Elmhurst, Ill.
Sturges, Marian Floyd 1915 A	Brooklyn
Sturrock, John 1918 Ag	Ithaca
Sturrock, Walter H. 1916 M	Ithaca
Sturtevant, Julian Flad 1918 C	Rochester
Sucoff, Moses 1917 Ag	Brooklyn
Suiter, Norman Wesley 1916 Ag	Shamokin, Pa.
Suits, Francis Earl 1918 Ag	Corning
Sullivan, Eugene Bernard 1918 Ag	New York City
Sullivan, Fred Fleming 1915 Ag	Buffalo
Sullivan, Paul Livingston 1917 M	Winnipeg, Canada
Sullivan, Philip Lawrence 1918 C	Springfield, Mass.
Summa, Henry Theodore 1915 A	St. Louis, Mo.
Summers, Richard Thomas 1917 A (Chem)	Ithaca
Sun, Yu-fong 1917 A	Tientsin, China
Sunball, Henry Rogers 1916 Ag	Ransomville
Sundstrom, Olaf 1919 M	Poughkeepsie
Supplee, George Washington 1915 C	Haddon Heights, N. J.
Sussman, Jacob 1918 Ag	New Rochelle
Sutcliffe, Harold Taylor 1916 M	New Paltz
Sutphen, Minnie Calista, A.B. Grad	Newark
Sutterby, William Henry 1916 V	Bath
Sutton, Edna Marguerite 1917 Ag	Ithaca
Sutton, Florence Elizabeth 1916 A	Holland Patent
Sutton, Glenn William 1918 Ag	Dansville
Sutton, Henry Bruner 1916 A	Albion
Sutton, John Edward, jr. 1915 A 1918 M.D.	Albion
Swartley, Gladys Florence 1916 A	Philadelphia, Pa.
Swartz, Anna Mary 1918 A	Monsey
Swartz, Burton LeRoy 1918 A	Lyons Falls
Sweeney, Samuel Chadwick 1918 Ag	Hartsdale
Sweet, Alfred Henry, A.B., A.M. Grad	Portland, Me.
Sweet, George Clinton, jr. 1918 Ag	Buffalo
Sweetapple, Erwin Fred 1915 Ag	Glenwood
Sweeting, Marjorie Amelia 1916 A	Savannah
Swordlove, Louis 1917 C	New York City
Swift, Emmons Glazier 1916 L	Mayville
Swift, Frank Leslie Spec Ag	Middleport
Swift, George Warner 1916 Ag	Forestville
Swinton, Richard Holt 1919 M	Port Jervis
Swisher, Charles Lee, A.B. Grad	Wellington, Ill.
Symonds, Brandreth, jr. 1917 A	New York City
Sz-to, Sit Iu 1915 A	Canton, China
Taber, David Fairman, jr. 1915 L	Brooklyn
Taber, Helen 1916 A	Buffalo
Taft, Harold Woodworth 1917 Ag	Erie, Pa.
Taft, Lyman Herbert, jr. 1918 Ag	Montgomery
Taft, Robert Lyman Spec Ag	New York City
Taggart, Donald Campbell 1916 Ag	Ithaca
Taite, Manning Siee 1918 Ag	Towanda, Pa.
Tallman, Frank Gifford, jr. 1917 M	Wilmington, Del.
de Tamble, Paul Allen 1918 Ag	Edgewater, N. J.
Tamblyn, Gerald Matthew 1916 A	Wilkes-Barre, Pa.
Tang, Min Kao 1918 M	Sze Cheun, China
Tang, Yuch 1918 C	Lusar, Foochow, China
Tanner, Donald Phipps 1918 Ag	Peckville, Pa.
Tapelow, Samuel Bernard 1917 Ag	Brooklyn
Tappan, Frank Girard, A.B., M.E., M.A. Grad	Ithaca
Tapscott, Kenneth Arthur 1915 Ag	Roslyn
Tarbell, Dorothy 1916 A	Ithaca
Tarr, Russell Story 1915 A	Ithaca
Tassinari, Hugo Anthony, A.B. 1917 M.D. (N. Y. C.)	New York City
Tatarsky, Benjamin Fabius 1918 Ag	Brooklyn
Tavares, John Thomas 1918 C	New York City
Taylor, Albert Mordecai 1915 C	Ardmore, Pa.
Taylor, Arlina Harriet 1918 Ag	Keeseville
Taylor, Bayard 1916 A	Clinton
Taylor, Daniel Floyd Spec Ag	Batavia

- Taylor, Garrett Amos 1918 M
 Taylor, Gilbert Morris 1916 Ag
 Taylor, Henry Harrison 1915 Ag
 Taylor, Henry Mendinhall, jr. 1915 M
 Taylor, Jesse Sweeney, A.B. 1918 C
 Taylor, Ralph Corbin 1917 M
 Taylor, Robert Potter Aiken 1917 M
 Taylor, Tracy Pullman 1917 Ag
 Taylor, William Arnold 1915 M
 Tears, Claude Frederick 1917 A (Chem)
 Teator, Roscoe 1916 Ag
 Teeter, Lowell Homer 1918 L
 Tenny, Harold Elwood 1916 Ag
 Terrazas, Federico 1916 C
 Terribery, George Gilson 1915 M
 Terrill, Leslie Roy 1917 C
 Thatcher, Charles Garrett, A.B. 1916 M
 Thatcher, Evangeline Voorhees 1916 A
 Thatcher, Mary Louise 1915 Ag
 Thayer, Clara Louise 1916 Ag
 Thayer, Clark Leonard, B.Sc. Grad
 Theodore, Millard Edward 1916 A
 Theodore, Samuel Joseph 1916 A
 Therkelson, William 1916 Ag
 Thierman, Julius E. 1918 Ag
 Thilly, Gertrude 1917 A
 Thomas, Allen Job, LL.B., A.B. Grad
 Thomas, Beverly, jr. 1916 M
 Thomas, Cecil Calvert, A.B., A.M. Grad
 Thomas, Charles Edwin, M.E. Grad
 Thomas, Charles Louis, jr. 1918 A
 Thomas, Edward Jussley 1915 C
 Thomas, Edwin Hewes 1918 M
 Thomas, Frank Henry 1916 Ag
 Thomas, John Cooper 1918 M
 Thomas, Joseph Albert 1918 C
 Thompson, Charles Anthony 1917 Ag
 Thompson, Charles Lee 1919 C
 Thompson, Chester Arthur 1916 C
 Thompson, Donald Church 1917 Ag
 Thompson, Frederic De Long 1918 M
 Thompson, George 1919 M
 Thompson, James Dilley, jr., B.S. Grad
 Thompson, John Graham 1915 A (Chem)
 Thompson, Joseph Russel 1918 Ag
 Thompson, John Vincent 1915 A
 Thompson, Richard Nelson 1918 A
 Thompson, Sawyer 1918 A
 Thompson, Sidney Paul 1918 Ar
 Thompson, William Delmore 1917 M
 Thoms, Louis 1917 M
 Thomson, John Herndon, B.S. Spec Ar
 Thomson, May Winifred 1916 A
 Thomson, William Maxwell 1916 V
 Thorne, Harold Wooster 1916 M
 Thorp, Charles Monroe, jr. 1916 A
 Thorp, Evelyn Louise 1916 A
 Thorp, George Boulton, A.B. 1916 M
 Thornton, Thomas 1918 L
 Thurber, Henry Thomas 1915 A
 Thurston, Adeline Alda 1915 Ag
 Thurston, Allen McKinley 1915 A
 Tibbitts, Armand Rhodes 1915 Ag
 Tibbitts, Frank Marsden 1916 Ag
 Tibbitts, John Ray 1916 A (Chem)
 Tichenor, LeGrande Livingston 1918 Ag
 Tiffany, Stanton Gere 1918 M
 Tilden, Henry Augustus 1915 Ar
 Tilley, Clarence (1917 Ag) 1917 V
 Tilley, Lloyd Henry 1918 M
 Tilley, Norman Nevil 1915 M
 Tillotson, Edwin Haight 1917 C
 Tillson, Harold Josiah 1916 Ag
 Tilson, Howard Ferguson 1918 Ag
 Timmerman, Arthur Pearson 1917 M
 Timmerman, John Paul 1918 A
 Ting, Loh Nien 1918 A
 Tingle, George Arthur 1915 A
 Tingle, Gerald Peter 1915 A
 Tinkham, Edward Hsley 1916 Ag
 Tinkham, Norman Richard Murdock 1918 Ar
 Wilmington, Del.
 St. Paul, Minn.
 Brooklyn
 Wilmington, Del.
 Bowling Green, Ky.
 Roland Park, Md.
 Philadelphia, Pa.
 Ripley
 Brooklyn
 Star Lake
 Upper Red Hook
 Canton, Pa.
 Hilton
 Chihuahua, Mex.
 Ithaca
 Copenhagen
 Swarthmore, Pa.
 West Danby
 West Danby
 Ludlowville
 Enfield, Mass.
 New York City
 Arappukoba, South India
 Perth Amboy, N. J.
 Brooklyn
 Ithaca
 Ithaca
 Hague-on-Lake George
 Ithaca
 Brooklyn
 Cincinnati, O.
 Baltimore, Md.
 Wilmington, Del.
 Brooklyn
 Bramwell, W. Va.
 Lebanon, Pa.
 Greenwich
 Endeavor, Pa.
 Albany
 Amherst, Mass.
 Chicago, Ill.
 Port Richmond
 Granville, O.
 Eau Claire, Wis.
 E. Liverpool, O.
 Pittsburgh, Pa.
 Fall River, Mass.
 Brooklyn
 Ithaca
 Freneau, N. J.
 Oak Park, Ill.
 Union, S. C.
 South Glens Falls
 E. Orange, N. J.
 Peekskill
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Ellenville
 Detroit, Mich.
 Friendship
 Sulphur Springs, Ind.
 Waukesha, Wis.
 Ithaca
 Warsaw
 New York City
 Yonkers
 Pittsfield, Mass.
 Upperville
 Buffalo
 Buffalo
 Detroit, Mich.
 Morris
 Texarkana, Texas
 St. Louis, Mo.
 Lima, O.
 Tsingtan, China
 Cobblekill
 Cobblekill
 Montclair, N. J.
 Jamestown

Tinkler, Loyal George	1915 A (Chem)	Little Falls
Tinnerholm, Arthur Rudolf	1918 Ag	Schenectady
Tisdale, Eli Melvin	1915 Ar	Union City, Tenn.
Titchener, Walter Edmund	1917 M	Cortland
Titsworth, Bertha E.	1915 Ag	Alfred
Titus, Robert Bostwick	1915 Ag	Presho
Tobey, Clinton Russell	1917 A	Walton
Todd, James Lincoln	1918 M	Wilmington, Del.
Todd, Kirkland Wiley	1919 C	Wilkinsburg, Pa.
Todd, Marea	1917 A	Fleischmanns
Todd, William Thomas, jr.	1916 M	Pittsburgh, Pa.
Toksvig, Signe Kirstine	1916 A	Thorsby, Ala.
Toles, Donald Taylor	1916 Ag	Otego
Toll, Karel Haensen	1918 A (Chem)	Passaic, N. J.
Tolman, Edgar Bronson, jr.	1915 M	Chicago, Ill.
Tomkins, Walter McEwan	1915 M	Tomkins Cove
Tomlines, Thomas Frederick Illingworth	1917 M	Watertown
Tompkins, Helene Marie	1917 Ag	Newfield
Tompkins, Stratton Ambrose	(1918 Ar) 1917 Ag	Clyde
Tonks, Harry Charles	1916 C	Newark, N. J.
Toolan, John Edward	1916 L	Perth Amboy, N. J.
Topp, Howard Alfred	1917 Ar	Pittsburgh, Pa.
Torbert, Hazel Augusta	1918 Ag	Interlaken
Torrance, Robert Smith	1916 C	Gowanda
Torres, Allah	1915 L	E. Orange, N. J.
Torrey, Ella Martha, A.B.	Grad	Gainesville
Torroella, Juan Rooney	1918 C	Havana, Cuba
Tothill, John Douglas, B.Sc. Agr.	Grad	St. Andrews, England
Touzeau, Lester Charles	1917 C	Oradell, N. J.
Towar, Frank Jonas, jr.	1916 A	Detroit, Mich.
Townes, Robert Edward	1918 A	Memphis, Tenn.
Townely, John Hurlburt, A.B.	Grad	Jackson, Mich.
Townsend, Alfred Sears	1917 Ag	Trumansburg
Townsend, Clarence Ellsworth, M.E.	1916 Ag	Painted Post
Townsend, David William	1915 C	Pasig, Rizal, P. I.
Townsend, Harold Vincent	1918 Ag	Sharon Springs
Townsend, Louise, A.B.	1916 M.D. (N. Y. C.)	New Brighton
Townsend, Prescott Winsor	1916 A	Middletown
Townsend, Theodore Horton	1917 Ag	Elmira
Tozer, Frank Wallace	1918 C	Ithaca
Tozier, William Seward, jr.	Spec Ag	Varysburg
Trask, James Dowling, jr., Ph.B.	1917 M.D. (N. Y. C.)	Highlands, N. J.
Trask, Warren Ira	1916 Ag	Ithaca
Traver, Jay R.	1918 A	Willoughby, Ohio
Travis, Andrew David	1915 Ag	Canistota
Trax, Davis Lewis	1917 Ag	Oil City, Pa.
Tregurtha, James David	1918 Ag	Schenectady
Treman, Robert Carlton	1917 A	Ithaca
Tressler, Donald Kiteley, A.B.	Grad	Montpelier, O.
Trethaway, Robert Charles	1916 A	Parsons, Pa.
Trevor, Karl Robert	1916 M	Ithaca
Trevor, Margaret	1915 A	Ithaca
Trimble, James Ford, A.B.	1916 M.D. (N. Y. C.)	Jeanette, Pa.
Trowbridge, William Wesley	1915 V	Adams Center
Trumbull, Arthur Ray	1919 M	Keene Valley
Trump, Leonard J.	Spec Ag	Westfield
Tsang, Kwong Chi	1916 M	Canton, China
Tsou, Ping Wen	1916 Ag	Soochow, China
Tubbs, Walter Julius	1916 Ag	Moravia
Tuck, Alfred Gillam	1919 M	Wilkes-Barre, Pa.
Tucker, Hazel Aubrey	1917 A	Whitman, Mass.
Tucker, James Barnes, B.A.	1916 L	Provo, Utah
Tucker, Talmage Thomas, B.S. in Ag., A.M.	1916 V	Hallsville, Mo.
Tufts, William Felt	1918 M	Brookline, Mass.
Tunnicliff, John Clarence	1917 C	Moline, Ill.
Turnbull, Thomas, III	1918 A	Pittsburgh, Pa.
Turner, Alva	1918 Ag	Briarcliff Manor
Turner, George Denison	1918 C	Bethlehem, Pa.
Turner, James Jewett, jr.	1918 M	Pittsburgh, Pa.
Turner, Philip Layton, B.S.	1916 M.D. (N. Y. C.)	Elmhurst
Turner, William Wood	1915 M	Evanston, Ill.
Tutchings, Harvey Inkpen	1918 L	Johnstown
Tuttle, Elbert Parr	1918 A	Honolulu, T. H.
Tuttle, Harlow	1916 A	Pine Plains
Tuttle, Malcolm Harley	1918 M	Honolulu, Hawaii
Tuttle, Olive Natalie	1915 Ag	East Port
Tuttle, William Sylvester	Spec M	Bridgeport, Conn.
Tyler, William Harold	1915 A	St. Louis, Mo.
Tymeson, Charles Prindle	1916 M	Johnstown
Tyson, Marjorie Idalene	1915 A	Wynnewood, Pa.

- Uffland, Jacob 1916 Ag
 Uhl, Victor Leroy 1916 M
 Uhri, William Clarence, jr. 1915 Ar
 Ullman, David Lewis 1917 A
 Unangst, Walter Raymond 1915 A
 Underwood, Arthur Judson 1919 M
 Unger, William Suppes 1916 M
 Updegraff, Helen 1915 A
 Upp, John Winters, jr. 1917 M
 Urband, Edward Milton, B.Arch. Grad
 Urner, Gordon 1918 A
 Utter, Lorenzo Hughes 1915 L
- Vail, Alfred Cresson 1916 M
 Vail, Donald Bain 1917 Ag
 Valeds, José Manuel, A.B. 1916 M
 Valderrama, Mariano Alfredo 1918 C
 Valentine, Alastair Ian Grant 1917 A
 Van Allen, George Raymond 1918 A
 Van Alstyne, Eleanor Van Ness, B.S., Ph.D. 1916 M.D. (N. Y. C.)
 Van Arnam, William Donaldson 1916 A (Chem)
 Van Atto, Ronald Campbell 1918 L
 Van Atta, Virginia Grafft 1915 A
 Van Brocklin, Frank Ray, A.B. 1916 A (Chem)
 Van Brunt, Virginia 1917 A
 Van Buren, George Burnett 1916 L
 Van Camp, Paul Milton 1918 C
 Van Campen, James King, jr. 1917 C
 Van Cleve, Herman Brégy 1917 Ag
 Vanderbilt, William Stephen, jr. 1917 Ag
 Vanderslice, John Alpheus 1916 Ag
 Van Dusen, Frederick Clair 1916 Ar
 Van Dusen, Leslie Barden 1916 Ag
 Van Dyke, Edward Lester 1918 A
 Van Hoesen, Gladys Lorena 1918 Ag
 Van Horn, Ralph Chapman 1918 Ag
 Van Horson, John Marinus 1916 A
 Van Kennen, Harold Houston 1915 M
 Van Keuren, Ernest Canfield 1918 Ag
 Van Keuren, Helen 1916 Ag
 Vann, Jessica, A.B. 1916 A
 Vann, Theodore Ward 1915 Ag
 Van Natta, Maude 1917 Ag
 Van Orden, Solomon Spec Ag
 Van Order, Catherine 1916 Ag
 Van Scoik, Roy Harrison, B.S. Ag Spec Ag
 Van Scoy, Alice Cornelia 1917 Ag
 Van Valkenburgh, Richard Mears 1915 M
 Van Volkenburg, Horatio Luther Spec Ag
 Van Wagenen, Amy Elizabeth 1918 Ag
 Van Wagnen, William Perrine 1918 A
 Vastine, Jacob Hursh 1918 M
 Vaughn, Harry Lee 1916 Ag
 Velez, Bouquet Arnaldo 1917 A
 Velguth, Roland Chester 1916 Ar
 Vermilyea, Wesley Floyd 1916 Ag
 Vestal, Harold Clark 1915 V
 Vick, Harry Elias, B.S., M.S. Grad
 Vickers, John Harold 1917 M
 Vidal Alvarez, Felipe Felix 1916 M
 Viedt, Harold Bertram 1915 M
 Vietor, Hans 1915 Ar
 Vieweg, Otto Carl 1916 C
 Vigorito, Thomas Francis Spec L
 Vincent, Everett Mohlar 1915 C
 Virgien, Norton Irving 1916 A (Chem)
 Vivoni, Armando 1915 C
 Vizcaino, Manuel José 1915 C
 Vohr, John Henry 1916 M
 Vollrath, Jean Carl 1917 M
 Von Wening, Anthony 1918 Ag
 Voorhees, Isaac Newton 1917 Ag
 Vose, Hamilton, jr. 1916 A
- Wackman, Clarence Frederick (1919 M) 1918 A
 Wager, David Collis 1916 A
 Wagman, John Potter 1917 A
 Wagner, Elton Ray 1915 Ag
 Wagner, Peter Gregory 1917 A
 Wagner, Thomas Rowan 1918 Ag
- New York City
 Corning
 St. Louis, Mo.
 Buffalo
 Ithaca
 Newark, N. J.
 Duquesne, Pa.
 Washington, D. C.
 Schenectady
 Ithaca
 Fanwood, N. J.
 Friendship
 Media, Pa.
 Ridgewood, N. J.
 Mantanzas, Cuba
 Trujillo, Liberty, Peru
 Chicago, Ill.
 Rensselaer
 New Rochelle
 Buffalo
 Waverly
 Ithaca
 Genoa
 Brooklyn
 Poughkeepsie
 Fine View
 Olean
 Montclair, N. J.
 Greenville
 Phoenixville, Pa.
 Southold
 New York City
 Delhi
 Hudson
 Elmira
 Mount Vernon
 Ogdensburg
 Savona
 Troy, Pa.
 Wilmington, N. C.
 Willow Creek
 Ithaca
 New Paltz
 Ithaca
 Aulne, Kan.
 Candor
 Greene
 Springville
 Lomontville
 Worcester
 Catawissa, Pa.
 Worcester
 Iquique, Chili
 Milwaukee, Wis.
 Waterford
 Noblesville, Ind.
 Louisville, Ky.
 Chicago, Ill.
 Guayama, P. R.
 Morristown, N. J.
 Ithaca
 Elmira
 Paterson, N. J.
 Goshen
 Yonkers
 San German, P. R.
 Cardenas, Cuba
 Pittsburgh, Pa.
 Sheboygan, Wis.
 Brooklyn
 Amsterdam
 Milwaukee, Wis.
 St. Louis, Mo.
 Utica
 Saratoga Springs
 Youngstown
 Belmont
 Philadelphia, Pa.

Wahle, Carl Budd	1919 C	Brooklyn
Wait, Constance Elaine	1916 A	New York City
Wait, Justin Federal	1916 M	New York City
Waite, (Mrs.) Louisa Garbutt	1916 A	Ithaca
Wakeley, Morton	1918 A	Omaha, Neb.
Walbran, Nicholas Arthur	1918 C	Oriskany
Walbridge, Helen Isabel, A.B.	1918 M.D.	New York City
Walcott, Sidney Stevens	1916 A	Washington, D. C.
Waldbauer, Louis Julius	1917 A (Chem)	St. Louis, Mo.
Walden, Daniel Treadwell	1916 Ag	Hackensack, N. J.
Waldo, Reginald	1918 A	Campbell Hall
Waldron, William Robert	1917 A (Chem)	New Germantown, N. J.
Walker, Carl Henry	1916 C	Baltimore, Md.
Walkley, Fred Rosman	1917 Ag	LeRoy
Wall, Holden Cooper	1918 A	Lake Charles, La.
Wall, James Joseph, jr.	1916 C	Duluth, Minn.
Wallace, Bessie May	1917 A	Middletown
Wallach, Kaufman, A.B.	1917 M.D. (N. Y. C.)	New York City
Wallenstein, Charles A., M.D.	Spec M.D. (N. Y. C.)	New York City
Waller, Ray Benson Potter	1916 V	Ithaca
Waller, Roland Edgar	1916 Ar	Rutherford, N. J.
Wallingford, Daniel Kirkand	1918 Ar	Indianapolis, Ind.
Wallower, Herbert Hoover	1917 M	Harrisburg, Pa.
Walter, Carl Francis	1917 Ag	Scranton, Pa.
Walzer, Matthew	1916 A	Brooklyn
Wang, Su Chen	1918 A	Nanking, China
Wanser, Paul	1918 M	Tarrytown
Warburton, Raymond Addison, B.S.	1918 M.D. (N. Y. C.)	Brooklyn
Warchovsky, Herman	1916 A	New York City
Ward, Alfred Whitaker	1917 A	Cleveland, O.
Ward, DeWitt Clinton	1917 Ag	Barnard
Ward, Earnest Harold	1918 M	Morristown, N. J.
Ward, Emily Evelyn	1918 A	Dolgeville
Ward, Kenneth Oswald	1915 Ag	Candor
Ward, Stanley Mortimore	1918 Ar	Newark, N. J.
Warden, Robert Bruce	1918 M	Washington, D. C.
Wardle, Francis West, B.S.	Grad	Catskill
Wardwell, John Stillman, jr.	1917 M	Rome
Ware, Lura Marie	1915 Ag	Batavia
Warn, Pearl Lorena	1917 Ag	Little York
Warne, Clyde Arlington	1918 A	Ithaca
Warner, Alan Dean	1918 M	Dunkirk
Warner, Charles Albert	1917 A	Charlotteville
Warner, Elbridge Stephen	1917 Ag	Unionville, O.
Warner, Howard Sheldon	1917 A	Albion
Warner, Hollis Victor	1918 Ag	Aquebogue
Warner, Irving Studley	Spec Ag	Riverhead
Warner, Kenneth Baird	1916 M	Bridgeport, Conn.
Warner, Luther Christopher, 2d	1918 Ag	Altamont
Warner, Sidney Sardus	1918 Ag	Wellington, O.
Warren, Charles Mavro	1915 Ag	Glendora, Cal.
Warren, Richard Gunton	1918 M	W. Newton, Mass.
Warren, William Dwight	1918 Ag	Elmira
Warshaw, David	1916 A	Albany
Wasserman, Henry, jr.	1915 A	New York City
Wasserman, Max Judd	1918 A	St. Louis, Mo.
Wasson, Roy John	1918 Ag	Camden
Waters, Helen Louise	1918 A	Green Island
Watkins, Arthur Caldwell	1915 M	Cleveland, O.
Watkins, Charles Beale	1915 C	Baltimore, Md.
Watkins, Oliver Morton	1918 Ag	Newark Valley
Watson, John Percy	1915 Ag	Plainfield, N. J.
Watt, Edgar Raymond	1919 M	Ithaca
Watt, Mildred	1915 A	Ithaca
Way, Walter Denslow	1918 V	Andover, Conn.
Weaver, Herbert Rolland	1918 Ar	Utica
Weaver, Leland Eugene	1918 Ag	Findley Lake
Webb, Frances Leslie	1915 A	Philadelphia, Pa.
Webb, John Griswold, A.B.	Spec Ag	Hyde Park-on-Hudson
Webb, Martha Elizabeth	1915 A	Troy
Webber, Eugene Frances	1915 Ag	Riverside, Cal.
Weber, Charles M., B.S. in C.E., C.E.	Grad	Stockton, Cal.
Weber, Richard	1919 C	Camillus
Webster, Carl Sperry	1915 V	Spencerport
Webster, Elmer Stanley	1918 Ag	Warsaw
Webster, Frederic Montrose August	1917 Ag	Ithaca
Webster, Louis Carlton	1915 V	Stanley
Webster, Maurice Hillis	1916 Ar	Evanston, Ill.
Webster, William Augustus, jr.	Spec M	Baltimore, Md.
Webster, William Lester	1916 Ag	Stanley
Weckstein, Isidore	1918 A (Chem)	Brooklyn

Wedlake, William Jacob	1917 Ag	Mt. Vernon
Weeden, Willis Morris	1916 A	Frankfort
Weeks, Paul Thorne, A.B.	Grad	Kipton, O.
Weigt, John William	1918 M	Flushing
Weil, Lester Isaac	1917 M	Buffalo
Weilepp, Thomas Greacen	1918 M	Ithaca
Weimar, Matthew William	1917 L	Buffalo
Weimer, James LeRoy, A.B.	Grad	Ithaca
Weindling, Ludwig	1918 C	Brooklyn
Weinert, Fred Charles	1917 A (Chem)	Dunkirk
Weinstein, Abraham Edward	1918 Ag	New York City
Weinstein, Harold Long	1917 A (Chem)	Dundee
Weinstein, William	1918 Ag	New York City
Weisbein, Isaac	1916 Ag	Brooklyn
Weisbrod, Frederick	1915 L	Brooklyn
Weiskopp, Lawrence	1918 Ar	South Euclid, O.
Weiss, Carl Otto	1917 Ag	Jersey City, N. J.
Weiss, Joachim Emelio	1916 Ar	Havana, Cuba
Weiss, Max	1917 Ag	New York City
Weiss, Paul Albert Henry	1916 M	Rochester
Weissman, Sarah Lalla	1916 Ag	St. Petersburg, Russia
Welch, Austin Hubbard, B.S. in M.E., M.E.	Spec Ar	Columbia, Mo.
Welch, Vimont Carpenter	1918 M	Lakewood, N. J.
Weller, Walter	1915 A 1918 M.D. (N. Y. C.)	Hoboken, N. J.
Welles, Colin Gilchrist	1918 Ag	Schenectady
Welles, John Weaver	1918 Ag	Kingston, Pa.
Welles, Russell	1916 A	Norwich, Conn.
Wellman, Howard Clark	1915 Ar	Perry
Wells, Charles Howell	1916 Ag	Rochester
Wells, Joseph Julius	1915 A 1918 M.D.	Ithaca
Wells, Nelson Miller	1918 Ag	Baldwinsville
Wells, Robert Forbes	1917 Ag	Hallstead, Pa.
Wende, Eanefick Theodore	1918 Ag	Tonawanda
Wendelken, Gerd Miller, B.A.	Grad	Marietta, O.
Wendt, John Arthur Frederic	1915 A (Chem)	New York City
Wentz, Alfred Joseph	1917 L	Wilkes-Barre, Pa.
Wert, Howard Daniel	1916 A	Skamokin, Pa.
West, Austin Walker, B.S.	Spec M	Macon, Ga.
West, Carl Joseph, M.A.	Grad	Columbus, O.
West, Frances Georgia	1918 Ag	Rochester
West, Theresa, A.B.	1916 Ag	Syracuse
Westbrook, Nathan Glenn	1916 Ag	Hemlock
Westermann, Henry Louis	1918 M	Chicora, Pa.
Westhall, Leon Ernest	1917 M	Lakewood, N. J.
Westing, Ralph Sutherland	1918 Ag	Atlantic City, N. J.
Westover, Wendell	1918 M	Schenectady
Westphal, Milton Christian John	1918 A	Buffalo
Wetz, John Walter, jr.	1917 Ag	Trumansburg
Wetzel, Frank Carl	1918 A (Chem)	Harrison, N. J.
Wheat, Seth Truman	1915 Ag	Naples
Wheeler, Bradley Longwell	1916 Ag	Penn Yan
Wheeler, Ralph Adna	1917 Ag	Lackawanna
Wheeler, Ward Alfred	1918 A	Delhi
Wheeler, William Johnston	1917 M	Elmhurst
Wheless, Eakin Lockwood	1916 M	Shreveport, La.
Whelpton, Pascal Kidder	1915 Ag	Ithaca
Whiston, Howard Clark	1918 M	East Orange, N. J.
Whitaker, Henry Dowley	1918 A	Cincinnati, O.
Whitaker, Nelson Evans, 2d	1915 A	Wheeling, W. Va.
White, De Gray	1917 M	Butler, N. J.
White, Earl Archibald, B.S., M.S.	Grad	Antioch, Ill.
White, Edgar Greaves	1918 M	Syracuse
White, Ernest Charles, B.S.	Grad	Ithaca
White, Floyd Henry	1917 V	Rhinebeck
White, George Fitch	1918 A	Walton
White, Marion Langworthy	1918 A	Ithaca
White, Robert Morris	1917 M	New York City
White, Robert Whitman	1915 Ag	Brockport
White, Samuel Jessup, 3d	1916 Ag	Franklin
White, Vedder	1915 Ag	West Valley
White, Ward Benjamin, A.B.	Grad	Ithaca
White, William Albert, jr.	1916 A	Brooklyn
White, William Charles	1918 C	New Rochelle
Whitcotton, J. Arthur	1916 A	Provo, Utah
Whitehead, Thomas Cram	1917 A	Detroit, Mich.
Whiting, Edward Tiffany	1917 Ag	Summit, N. J.
Whitman, Carrol Nunn, A.B.	1916 L	Provo, Utah
Whitman, Cora Judson	Spec Ag	Marlboro, Mass.
Whitman, James Spaulding	1918 Ar	Canton, Pa.
Whitney, Andrew Jackson, 3d	1918 C	Wilmington, Del.
Whitney, Cass Ward, B.S.	Grad	Rochester
Whitney, Charles Smith, C.E.	Grad	Bradford, Pa.

- Whitney, John Randall 1917 A
 Whitney, Ralph Steward 1916 V
 Whittemore, Van Crampton 1916 Ag
 Whittier, Paul Fletcher, B.S. in C.E. 1916 C
 Whitworth, Martha Alice 1915 Ag
 Wichelns, Alma 1915 A
 Wichelns, Herbert August 1916 A
 Wiechers, Manolo Methfessel 1916 M
 Wiegand, Charles Oliver 1917 A
 Wiesner, Maurice William 1916 M
 Wiffler, Frank John 1915 A
 Wigdor, Meyer 1917 Ag
 Wiggans, Roy Glen, B.S. in Agr. Grad
 Wightman, Gordon Ellwood 1916 A (Chem)
 Wightman, Rolan 1916 M
 Wignall, Robert Wellington Spec Ag
 Wigsten, John 1917 Ag
 Wilbur, Florence Emily 1916 A
 Wilbur, Francis Cressy 1918 Ag
 Wilbur, Lewis 1919 M
 Wilcox, John Edgar 1918 Ag
 Wilde, Byder Wellington, jr. 1916 L
 Wilder, John Hayhurst 1917 M
 Wiley, Fred Harold 1915 M
 Wiley, Henry Wood 1916 M
 Wilford, Edward James 1917 Ag
 Wilkins, Raymond Harvey, B.S. Grad
 Wilkinson, Marshall Fiske 1917 V
 Wilkinson, Olive Reger 1915 A
 Willard, Neil Matthew 1918 Ag
 Willcox, Bertram Francis 1917 A
 Willcox, Harry J. 1915 A Grad
 Wille, Charles 1918 Ag
 Willett, Meyer 1916 Ag
 Williams, Alan Frank 1915 C
 Williams, Claude Freeland 1915 Ar
 Williams, Edward Goodnow 1915 A
 Williams, Ernest Arthur 1918 M
 Williams, Francis Edgar 1915 A
 Williams, Harold Willson 1918 M
 Williams, John Gordon 1919 C
 Williams, John Sneed, jr. 1918 A
 Williams, John Webster 1918 A
 Williams, Paul Alfred 1917 M
 Williams, Rebecca Elvin 1917 A
 Williams, Ruth 1918 A
 Williams, Walter Wilkinson, A.B. 1915 V
 Willis, Elias Root Beadle, A.B., A.M. Grad
 Willis, Geraldine Margaret 1917 A
 Willis, Ned Theo 1918 C
 Willis, Paul Truitt 1918 A
 Willsey, Warren Gilbert 1918 A
 Willson, Robert Bellows 1917 Ag
 Wilmington, John Doane 1918 M
 Wilson, Arthur Watson 1915 Ag
 Wilson, Benjamin Dunbar, B.S., M.S. Grad
 Wilson, Ellwood, jr. 1918 C
 Wilson, Harold Phillips 1915 A (Chem)
 Wilson, Hudson J., A.B. 1916 M.D. (N. Y. C.)
 Wilson, John George 1915 Ag
 Wilson, Marjorie, A.B. Grad
 Wilson, Robert Henry, jr. 1916 L
 Wilson, Samuel 1917 A (Chem)
 Wilson, Sarah Mary, Pd.B. 1916 A
 Wilson, Stewart Collins 1917 M
 Wilson, Stuart 1916 Ag
 Wilson, Warden McKee 1915 A
 Winchell, Paul Albert 1917 Ag
 Windnagle, Linus Vere 1917 Ag
 Wing, Paul Watson 1915 Ag
 Winecki, John Joseph Spec M
 Winn, Carl Preston 1918 Ag
 Winner, Dorothy 1916 A
 Winship, Arthur Wilson 1918 C
 Winslow, Clarence Giles 1915 M
 Wipke, Albert Carl 1918 C
 Wisansky, Harry 1918 Ag
 Wiser, Guy Brown 1917 Ar
 Wishner, Joseph George 1918 Ag
 Wisner, George Talman, A.B. 1915 Ag
 Wisner, William Dorr 1918 A
 Sewickley, Pa.
 Westport
 Collins Center
 Newtonville, Mass.
 E. Cleveland, O.
 Brooklyn
 Brooklyn
 Stapleton
 St. Louis, Mo.
 Rochester
 Yonkers
 New York City
 Columbia, Mo.
 Ithaca
 Nyack
 Walworth
 Elmira
 King Ferry
 Albany
 Poughkeepsie
 Worcester
 Hazelton, Pa.
 Fredonia
 Idaho Springs, Col.
 Washington, D. C.
 Ithaca
 Champaign, Ill.
 Clinton
 Philadelphia, Pa.
 Buffalo
 Ithaca
 Ithaca
 New York City
 New York City
 Monrovia, Cal.
 Ithaca
 Norwalk, O.
 Douglas, Ariz.
 Washington, D. C.
 Washington, D. C.
 Beacon
 Memphis, Tenn.
 Prospect
 Plymouth, Pa.
 Brooklyn
 Denison, Tex.
 Ithaca
 Ithaca
 Ithaca
 Ithaca
 Niagara Falls
 Cortland
 New York City
 Toledo, O.
 East Orange, N. J.
 Lexington, Ky.
 Grand Mere, Can.
 Clearfield, Pa.
 Ithaca
 Aspers, Pa.
 Ithaca
 Brooklyn
 Brooklyn
 Brooklyn
 Indianapolis, Ind.
 Ithaca
 Spokane, Wash.
 Mt. Vernon
 Elmira Heights
 Ithaca
 Ithaca
 Brooklyn
 Bloomfield, N. J.
 Plattsburgh
 Churchville
 Webster Groves, Mo.
 New York City
 South Bend, Ind.
 New York City
 Summit, N. J.
 Ransomville

- Wisnipsky, Harry George 1919 C
 Wistrich, Harry 1918 C
 Witt, Leon Richmond 1918 Ag
 Wittwer, Norman Carl 1918 C
 Wolcott, Henry Newton, B.S. Grad
 Wolcott, Margaret Cantine 1917 A
 Wolcott, Rosamond 1917 Ar
 Wolcott, Wallace Henry 1916 Ar
 Wold, Peter Irving, B.S., E.E. Grad
 Wolf, Harry Augustus 1919 M
 Wolf, Raymond Joseph 1917 A
 Wolfe, Clayton Adrian 1918 M
 Wolford, Clayton Chester 1917 L
 Wollheim, Jacob Lewis, M.D. Spec M.D. (N. Y. C.)
 Wolodarsky, Annetta 1916 A
 Wolodarsky, Emil Valentine 1917 A (Chem)
 Wong, Chun 1917 Ag
 Wong, Harold Hung-Eu 1917 C
 Wood, Ainslie George 1918 A
 Wood, Bertha Hunt 1915 Ag
 Wood, Henry Eames 1917 M
 Wood, James 1918 A
 Wood, Leland A. 1915 Ag
 Wood, Nelson Truesdell 1916 M
 Wood, Philip 1915 M
 Woodbury, Bicknell James 1918 C
 Woodbury, Newell Brown 1916 M
 Woodbury, Robert Morse, A.B., A.M. Grad
 Woodelton, Royal Blaine 1918 Ag
 Woodford, Paul Birdseye 1917 Ag
 Woodford, William Henry Jackson 1918 Ag
 Woodman, De Graaf 1917 Ag
 Woodrow, William Tillman 1915 M
 Woodruff, Charles Curtis, jr. 1919 C
 Woodruff, Frank Holmes 1916 V
 Woods, William Colcord, B.A. Grad
 Woodward, Arthur Coy, A.B. 1917 M
 Woodward, Anna Minerva 1915 Ag
 Woodward, Henry Stimpson, A.B. 1916 Ag
 Woodward, Lacey Howard 1916 Ag
 Woodworth, Allen Lysander 1915 A
 Woodworth, Roswell Williams 1918 A
 Woolston, William Dan 1916 Ag
 Woolver, Ernest Carlton 1916 Ag
 Worn, George Austin 1917 M
 Worrell, Samuel Henry 1915 A
 Worster, Rebecca Jane 1918 A
 Worthen, Louise Wilcox, B.S. Grad
 Wright, Abner Miles 1917 M
 Wright, Douglas Berry, B.S. in M.E. 1915 M
 Wright, Frederick Miller 1915 M
 Wright, Howard Barton 1915 C
 Wright, Mary Evalena, B.S. Grad
 Wright, Richard Danforth 1918 M
 Wright, Wiborn Harrison 1915 Ag
 Wulfing, Frederick Herber 1918 A
 Wurzburger, Siegfried 1918 C
 Wyckoff, Norman Ross 1916 C
 Wygant, Laurance Greenwood 1917 Ag
 Wykes, Glenn Culver 1918 Ag
 Wyman, Horace, 2d 1916 M
 Wyman, Phillips 1917 A

 Yang, Chiez 1916 M
 Yang, Shu Zek 1915 M
 Yang, Ying Ching 1917 A
 Ycasiano, Celso Bernabe, A.B. 1916 A
 Yeaw, Albin 1918 A
 Yeh, Yu Liang 1917 A (Chem)
 Yellen, Max Mandel 1918 L
 Yen, Kia-Lok 1915 A
 Yen, King Lau 1918 M
 Yerke, Bertha Frieda 1916 Ag
 Yeung, Sik Chung 1918 Ar
 York, Willard Denison 1917 A
 Yorkey, William Raymond, B.S. 1919 M
 Yoshii, Edward Etsuya 1918 M.D. (N. Y. C.)
 Yost, Charles Henry 1918 M
 Young, Austin Wellhouse 1917 Ag
 Young, Charles Earl 1915 Ag
 Young, Frank Oliver, jr. 1916 A

 New York City
 New York City
 Brooklyn
 Buffalo
 Tombstone, Ariz.
 Newark Valley
 Ithaca
 Ithaca
 Washington, D. C.
 Chambersburg, Pa.
 Dansville
 Newark
 Ithaca
 New York City
 Brooklyn
 Brooklyn
 Canton, China
 Tientsin, China
 Dallas, Tex.
 Brooklyn
 Northampton, Mass.
 Peekskill
 West Winfield
 Brooklyn
 Hudson
 Danville, Ill.
 Beverly, Mass.
 Worcester, Mass.
 Ithaca
 Syracuse
 New York City
 New York City
 Cincinnati, O.
 Long Island City
 Waverly
 Orono, Maine
 Ithaca
 New York City
 Acoaxet, Mass.
 Union
 Cazenovia
 Homer
 Pittsford
 Richfield Springs
 Reno, Nev.
 Dayton, O.
 Chautauqua
 Hanover, N. H.
 Evanston, Ill.
 Atlanta, Ga.
 Susquehanna, Pa.
 Syracuse
 Ithaca
 Buffalo
 Webster
 St. Louis, Mo.
 New York City
 Harrisburg, Pa.
 Hornell
 Mineville
 Worcester, Mass.
 New York City

 Hang Chow, China
 Shanghai, China
 Peking, China
 Manila, P. I.
 South Orange, N. J.
 Hong Kong, China
 Buffalo
 Island of Hainan, China
 Canton, China
 Amsterdam
 Hong Kong, China
 Flushing
 Rochester
 Brooklyn
 Waterloo
 New York City
 Theresa
 Wilmette, Ill.

Young, Harold Newell 1917 Ag
 Young, Howard Clifford 1918 M
 Young, Hugh Wallace 1915 M
 Young, Paul Rexford 1916 Ag
 Young, Thomas Sloan, jr. 1915 M
 Young, Wallace Shipman 1916 Ag
 Younglove, Joseph Riton 1916 Ag
 Youngkheere, Robert Charles 1918 Ag

Zabel, Oscar Ernst Frederick 1915 C
 Zambrana, José Antonio 1915 C
 Zander, Roy John 1917 C
 Zeller, Adelheid Bertha Marie Zoe 1916 A
 Zeller, Cornelia Pauline Hedwig 1916 A
 Zeltner, Lorin William 1918 Ag
 Zeman, Ladimir Raymond 1916 C
 Zen, Hoong Chiung 1916 A
 Zent, Edward George, jr. 1916 Ag
 Zeydel, Edwin Hermann, A.B. Grad
 Zimm, Louis Arthur 1916 Ag
 Zimmerman, William Frank 1916 M
 Zinssmeister, Carl Luther, B.S. Grad
 Zorn, Walter George 1915 L
 Zundel, George Lorenzo, B.S. Grad
 Zurbrick, Ella Dorothy 1918 Ag
 Zvirin, Philip 1917 Ag

Crystaldale
 Utica
 Long Island City
 Ithaca
 New York City
 Bayonne, N. J.
 Johnstown
 Livingston Manor

Rochester
 Juana Diaz, P. R.
 Chicago, Ill.
 Scranton, Pa.
 Scranton, Pa.
 New York City
 Cleveland, O.
 Chungking, China
 Williamsville
 Brooklyn
 New York City
 New York City
 Brooklyn
 Brooklyn
 Logan, Utah
 Clarence Center
 Larchmont

STUDENTS REGISTERED IN THE THIRD TERM OF THE COLLEGE OF AGRICULTURE, 1914

Asen, Isadore
 Barringer, Benton Elwood
 Bastidas, Carlos Manuel
 Buck, Vistor Mitchel
 Castaneda, Erasmo
 Castelle, James
 Chase, Elwood LaBarre
 Cleeves, Henry White
 Conway, Thomas J.
 Dann, Archie Byron
 Dougall, Catharine, N.D.D. (Agr. Coll. Glasgow), 1913
 Flansburgh, Earl Alvah
 Free, James Fisher
 Gabriel, Harry S.
 Gallagher, John Francis
 Garb, Gerson
 Goldfarb, Israel
 Haupin, George Daniel
 Hendrickson, Bertram Higbie
 Hines, James Wesley
 Hopkins, Edwin Fraser
 Johnson, Chester Phillips
 King, Carlton James
 Margulis, Abraham Bernard
 Marsland, Walter Stanley, A.B., 1908
 Moore, Henry Carleton
 Morse, Clarence Fitchette
 Nab, Nai
 Perla, Jacob
 van der Post, Andries Petrus, B.A. (Victoria), 1911
 Raub, Samuel Jackson
 Reith, Werner Frederick
 Rice, Donald Ballard
 Rogers, Frank George
 Rosenthal, Leon Judah
 Roth, William Reinhard
 Seubert, Wilfred Andrew
 Tsou, Ping Wen
 Weissman, Sarah Lalla
 Wilson, Stuart
 Wiseltier, Henry

Newark, N. J.
 Canadea
 Esmeraldas, Ecuador
 LeGrangeville
 White Plains
 New York City
 Baltimore, Md.
 Meadow Brook
 Ithaca
 Horseheads
 Pretoria, S. Africa
 Hoosick Falls
 Brooklyn
 Rock Stream
 Brooklyn
 New York City
 New York City
 Sugar Grove, Pa.
 White Plains
 Hamburg
 Buffalo
 Ithaca
 Glens Falls
 New York City
 Middletown
 Laurel, Del.
 Ithaca
 Bangkok, Siam
 Brooklyn
 Philippolis, S. Africa
 Luzerne, Pa.
 Dolgeville
 Trenton, N. J.
 Rochester
 Newark, N. J.
 Varysburg
 Camden
 Soochow, China
 Moscow, Russia
 Ithaca
 New York City

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Class of 1915.....	116	
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Class of 1915.....	188
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	887

Total number of students, deducting for names counted twice (25)..... 5094

Geographical Summary

New York.....3133	Delaware.....19	Rhode Island...6	Turkey in Eur..4
Pennsylvania..371	Colorado.....17	Montana.....5	England.....3
New Jersey....220	North Carolina.16	North Dakota..5	Japan.....3
Ohio.....156	Nebraska.....15	Arkansas.....3	Argentina.....2
Illinois.....123	Iowa.....14	Mississippi...3	Australia.....2
Connecticut...94	Kentucky.....14	Oklahoma.....2	Belgium.....2
Massachusetts.88	South Carolina.14	Nevada.....1	Chile.....2
Missouri.....74	Georgia.....13	Wyoming.....1	Nicaragua.....2
Maryland.....69	Vermont.....13	China.....57	Turkey in Asia.2
D. of Columbia.50	Maine.....11	Hawaiian Isl..17	Alaska.....1
Michigan.....40	West Virginia..11	Cuba.....16	Austria.....1
Indiana.....35	Florida.....8	Canada.....15	Colombia.....1
California.....33	Kansas.....8	Porto Rico....14	Chosen.....1
Wisconsin.....33	Alabama.....7	Philippine Isl.10	Norway.....1
Texas.....32	Louisiana.....7	Mexico.....8	Panama.....1
Utah.....23	South Dakota..7	Brazil.....6	Scotland.....1
Tennessee....22	Arizona.....6	South Africa...5	Siam.....1
Virginia.....21	Idaho.....6	Germany.....4	South India...1
Minnesota....20	New Hampshire.6	Peru.....4	Switzerland...1
Washington....20	Oregon.....6	Russia.....4	Venezuela.....1

ADDITIONAL ENROLLMENT

Third Term in the College of Agriculture, June-September, 1914.....	41
University Summer Session (including Summer School in Agriculture).....	1435
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Total Registration by Years from the Opening of the University

1868, 412	1877, 529	1886, 829	1895, 2057	1904, 3841
1869, 563	1878, 505	1887, 1022	1896, 2105	1905, 4122
1870, 609	1879, 463	1888, 1229	1897, 2120	1906, 4225
1871, 597	1880, 399	1889, 1329	1898, 2543	1907, 4405
1872, 539	1881, 384	1890, 1390	1899, 2766	1908, 4859
1873, 509	1882, 405	1891, 1670	1900, 2980	1909, 5194
1874, 532	1883, 447	1892, 1883	1901, 3293	1910, 5624
1875, 542	1884, 575	1893, 2040	1902, 3457	1911, 5848
1876, 561	1885, 649	1894, 2042	1903, 3423	1912, 6315
				1913, 6496

STUDENTS IN THE UNIVERSITY SUMMER SESSION, 1914

Including the Summer School in Agriculture

†Indicates registration also in the Graduate School.

Abbey, Archibald Soutar	Paso Estancia, Cuba
Abbott, Clark Daniel	Ashland, Mass.
Abel, John, jr.	Jersey City, N. J.
Acheson, Arthur Murray	Chicago, Ill.
Acker, Emma	Paducah, Ky.
Ackerman, Albert Mott	San Diego, Cal.
Adams, Florence Wentz	Brooklyn
Adams, Maude Burton	Brooklyn
†Adamson, William Augustus, B.A. (Mercer Univ.), 1907	Huntington, West Va.
Addams, William, jr.	Cynthiana, Ky.
Agard, Bertha, A.B., 1910	Trumansburg
Akerly, Annie Eva	Brooklyn
Akerly, Maud Edna, B.A. (Adelphi), 1908	Brooklyn
Alden, Caroline E	Bayonne, N. J.
Alexander, Grace Merrill	Buffalo
Alexenzer, Samuel Louis	Brooklyn
Allen, Albert Gillis	Salisbury, Md.
†Allen, Mary, A.B., 1903	Elmira
Allen Ray Crane	Corning
Anderson, Edward Ewen	Rye
Anderson, Wilhelmina Maria, B.S. (Allegheny Coll.), 1912	Titusville, Pa.
Annexy, Jaime, jr	Santurce, Porto Rico
Anson, William Radcliffe, A.B. (Wisinus), 1903, A.M. (Univ. of Pa.), 1905	Phoenixville, Pa.
†Appar, Clara Selkreg, A.B., 1905	Ithaca
Armas, Aquiles	Trujillo, Peru
Armington, Ralph Stanley	Brooklyn
Armstrong, Henrietta Marie	Sparrows Point, Md.
Arnold, Mary Wood, A.B. (Brown), 1908	Touisset, Mass.
Arrison, Fannie B	Charleroi, Pa.
Asen, Isadore	Newark, N. J.
Ashton, Margaret Elizabeth	Ithaca
Augur, Tracy Baldwin	Brooklyn
Aurand, Emilie Martz	New Berlin, Pa.
Austin, Elinor Curwen, A.B. Mus. Bac. (Wilson), 1909	Fayetteville, Pa.
Ayau, Manuel Samayoa, jr	Ridgewood, N. J.
Babb, Florence Mary	Fitchburg, Mass.
Babcock, Ernest L.	Delanson
Baber, Charlotte, A.B., 1908	New Rochelle
Bachman, Edna Gertrude	Hazleton, Pa.
Badenhausen, Carl William	Stapleton
Badenhausen, Otto August	Stapleton
Bahn, Carl Edward	Syracuse
†Bailey, Eleanor Hathorne, A.B. (Wellesley), 1911	Mechanicville
Bailey, Frank Berio, A.B., 1913	Southampton
Bailey, Lucy Caroline	Hammondsport
Bain, Jesse Burdette, A.B. (Univ. of Mich.)	Kennedy
Bainton, Cecelia Maude	Yonkers
Baker, Ellis Thomson	Fredericksburg, Va.
Baker, Roland Sears	Brooklyn
Balliet, Blanche Piper, B.E. (Bloomsburg Nor.), 1898,	Williamsport, Pa.
Ballon, Emma Clarice	Elmira
Ballou, John McKnight	Newton, N. J.
Ban, Riiji	Tokyo, Japan
Banks, Elisabeth, B.S., 1914	Ithaca
Banks, Frederic William	Newburgh
Barbosa, Manoel	Belem, Para, Brazil
Barclay, Sarah	Brooklyn
Bareham, Lucian Clark	Palmyra
Barkley, Hazel	Bradford
Barkley, Jane	Painted Post
Barr, Joseph Sydney	Ithaca
Barrett, Elizabeth Morris	Phoenix, Md.
Bartholomew, Jennie Belle, B.A. (Mt. Holyoke), 1911	Winsted, Conn.
Bartholomew, Leila Mary	Ithaca
Bartholomew, Robert	New Milford, Conn.
Basford, Tempie Lucretia	Savage, Md.
Bason, George Francis, B.E. (N. Car. A. & M. Coll.), 1908	Badham, S. C.
Bates, Grace Margaret, A.B. (Nor. Coll. N. Y. City), 1901	New York City
Bates, Mary Seymour	Ithaca
Batsford, Edwin Goodrich	Utica
Baumer, Jessie Malissa	Newark, N. J.

- Baxter, Florence
 Beach, Elizabeth Virginia
 Beals, Helen
 Beam, James Blain
 Bean, Frances Ashton
 Bean, Russell Brewer
 Beattie, William Hamlin
 Bee, Nai Kim
 Beecher, Weltha Josephine
 Beha, Joseph L., A.B. (Columbia), 1904
 Behnken, Erna Lucie
 †Behnken, Henry Emilie, A.B., 1904, A.M., 1912
 Beiermeister, James
 Beilby, Jane Miranda
 Belcher, Stephen Huntington,
 Belden, Daniel Stanton
 Belden, Richard Clark
 Bell, David Walter, A.M. (Ind. State Univ.), 1879
 Bell, Ella Gertrude
 Bell, Josephine
 Bell, Mabel Mary
 Bender, Barbara
 Benedict, Mary Kendrick, B.A. (Vassar), 1897
 Benner, Charlotte Henriette
 Bennett, Annabelle Kraker
 Bennett, Lois M
 Bennett, Minerva Maria, A.B. (Wells), 1901,
 Bennett, Ray, A.B., 1907
 Benson, Martha Phila
 Benster, Halsey Lucien
 Berger, Esther
 Berger, Frank Avery
 Berkey, Florence May
 Bernd, Blanche Pool
 Bernet, William Gerad
 Bernhard, Ida
 Bertran, Juan Manuel
 Best, Gerald Martin
 Betsch, William Carter
 Biederman, William
 Bigelow, Frances Mary
 Billings, Coolidge Richardson
 Billings, Erle Monroe, B.S. (St. Lawrence Univ.), 1911
 Bills, Frederick Perley
 Bircholdt, Harriet Nebe, A.B., 1911
 Bishop, Mabel, A.B. (Wellesley), 1905, A.M. (Smith), 1908
 Bishop, Sherman Chancey
 Black, Frances
 Blackman, Adah Cuzzer Thomlinson
 Blackman, John William, jr.
 Blackman, William Jackson
 Blain, Lillian Livingston, Pd.B. (Albany Nor.), 1903
 Blair, Thomas Edison
 Blake, Ella Davis
 Blake, Frances, A.B. (Trinity), 1913
 Blanco Morales, Victorina
 Blanden, Merrill Jay, A.B. (Colgate), 1894
 Blewer, Helen Truman
 Bliven, Sophia Washington
 Bloch, Herbert
 Blodgett, Gertrude Louise
 Blog, Leo
 Blue, Arthur Ayling
 Bock, Edna Viola
 Bock, Elvina
 von Boetticher, Peter Jobst
 Booker, Guy Headrick
 Booth, Sarah
 Borges, Domingos Gadelha
 de Borja, Jaime Ricardo, jr
 Bost, Clarissa Marion
 Bostwick, Sarah Isabel
 Bouck, Albert Cecil
 Bowen, George Washington
 Bowen, Mary Eliza
 †Bowen, Ray Preston, A.B. (Harvard), 1905
 Bower, Fleming Claude
 Bowles, Howard Ferris
 Boynton, Alice A
 Boynton, Barbara
 Boynton, Mary Louise, A.B. (Vassar), 1913
 White Plains
 Ilion
 Worcester, Mass.
 Easton, Pa.
 Elyria, O.
 Ithaca
 Greenville, S. C.
 Bangkok, Siam
 Atlanta
 New York City
 Brooklyn
 Brooklyn
 Troy
 Deposit
 Brooklyn
 Norwich
 Hartford, Conn.
 Ben Avon, Pa.
 Lockport
 Ben Avon, Pa.
 Buffalo
 Buffalo
 Sweet Briar, Va.
 Brooklyn
 New York City
 Geneva
 Virginia City, Mont.
 New York City
 Massena
 Moline, Ill.
 Newark, N. J.
 Troy
 Pittsburgh, Pa.
 Lansdale, Pa.
 Chicago, Ill.
 Brooklyn
 Humacao, Porto Rico
 Port Jervis
 Yonkers
 New York City
 Ithaca
 Louisville, Ky.
 Rochester
 Swarthmore, Pa.
 Buffalo
 Bridgeport, Conn.
 Clyde
 Slippery Rock, Pa.
 Utica
 New York City
 Brooklyn
 Niagara Falls
 Ithaca
 Abingdon, Va.
 Buffalo
 San Juan, Porto Rico
 Sherman
 Owego
 Buffalo
 New York City
 Rushville
 Brooklyn
 Pittsburgh, Pa.
 Brooklyn
 Brooklyn
 Owego
 Bellingham, Wash.
 Niagara Falls
 Belem, Para, Brazil
 Riobamba, Ecuador
 Pittsburgh, Pa.
 Ithaca
 Delanson
 Wilkes-Barre, Pa.
 Hartford
 Wellsboro, Pa.
 Pittsburgh, Pa.
 Brooklyn
 Cuba
 Ithaca
 Flatbush

Brady, Marie	Brooklyn
Bragg, Maude Mildred	Waterloo
Brahe, Clara Louise	Brooklyn
Brahe, Else Evelyn	Brooklyn
Brainard, Edith Allie	Ellington
Brainard, Nellie May	Ellington
Braine, Mary	Williamsport, Pa.
Brandon, Georgette	New York City
Braymer, Clara Vivian, A.B., 1911	Granville
Breitwieser, Olive Clara	Buffalo
Bretz, Ludlow Earle	Dobbs Ferry
Brickman, Howard Keller	Hornell
Bridge, Samuel Davenport	Monterey, Mexico
Briggs, Mead Greacen	Brooklyn
Bright, Joseph Paul	Wilmington, Del.
Brimberg, Israel	New York City
Brinckerhoff, James Embury	Orange, N. J.
Broad, Mabel	Honesdale, Pa.
Broadbent, Harold Stanley	Utica
Bronk, James Edmund	Amsterdam
Brooks, Florence Ada, A.B. (Ursinus Coll., 1912)	Palmyra, N. J.
Brooks, Francis Karl	Ithaca
Brooks, Frederic Day	Ithaca
Brooks, Howard Freeman	Almond
Brooks, Marvin M	Middletown
Brooks, Rachel Gleason, B.A. (Elmira) 1907	Ithaca
Brosemer, Paul Bernard	Oswego
Brower, Gerald Evans	Brooklyn
Brown, Frank Jason	Cortland
Brown, Gladys Celia	Ithaca
Brown, Helen Lucretia, B.A. (Wellesley), 1905	Penacook, N. H.
Brown, James	Rome
Brown, Kenneth Cotton	Hinsdale, Ill.
Brown, Laurence Lindsey, A.B. (Harvard), 1910, A.M. (same), 1911	Fall River, Mass.
Brown, Samuel Thomas	Patton, Pa.
Brueening, Frederick Hubert, jr.	Pittsburgh, Pa.
Brugger, Flora Asmith	Fleming, Pa.
†Brundage, Milton Bracken, B.S. (Syracuse), 1900	East Orange, N. J.
Bryan, Grace, Ph.B. (Franklin Coll.), 1906	Franklin, Ind.
Bryan, Mary McIlvaine, A.B. (Wash. Univ.), 1896	Bronxville
Buck, Victor Mitchel	LaGrangeville
Buckbee, William Wisner	Wisner
Bucknam, Delilah Hayes	DeRuyter
Bucknam, Roland Franklin	Ludlowville
Bull, William Francis	Hastings-on-Hudson
Bunce, Mary Emma	Bayonne, N. J.
Bunnell, Leila May	East Stroudsburg, Pa.
Burdick, Mabel Gray, A.B. (Wellesley), 1906, A.M. (Columbia), 1907, Mas. Dip. (Teachers Coll.), 1907	Stapleton
Burgard, Howard Alfred	Buffalo
Burke, Frank Jones	Newark, N. J.
Burlage, Stanley	Fredonia
Burleigh, Joseph	Nanticoke, Pa.
Burnet, Edward Clark	Cincinnati, O.
Buterbaugh, Anna Laura	Indiana, Pa.
Butler, Earle Dudley	Middletown, Conn.
Callinan, Annette Elizabeth	Buffalo
Calvert, Fred Merrill	Lima, O.
Campbell, Emily Alva	Philadelphia, Pa.
Campbell, James Phil	Athens, Ga.
Campbell, Jennette McQueen, B.S. (Albany Teach. Coll.), 1914,	Albany
Canfield, Ellen Brainard	Arlington, Vt.
Capron, Theodore Jackson	Wayland
Card, Henry Truman	Delphi Falls
Carey, Charles Emerson	Hutchinson, Kans.
Carey, Matthew Laurence	Albany
Carney, Harry Beahan	Granville, O.
Caro, Alexander	New York City
Carrier, Charles Mosher	Upper Troy
Carson, Mary Hale	Detroit, Mich.
Carson, Philip Tillman	Detroit, Mich.
Case, Francis Owen	Chattanooga, Tenn.
Cassady, Mark C	Hartford, Conn.
Cassel, Fanny Elizabeth	Pine Grove, Pa.
Cautley, Henry Kingsman	New York City
Chace, Lydia Gardiner, Ph.B. (Brown), 1900, A.M. (same), 1901	Providence, R. I.
Chafee, Elizabeth	Providence, R. I.
Chamberlin, Dorothy Ellen	South Livonia
Chang, Clifton Tse	Tientsin, China
Chao, Yuen Ren A. B., 1914	Changchow, Kiangsu Prov., China
Chapin, Stuart Lytle	Oneida

- Chappell, William Dorr
 Chase, Vernon Ballard
 Chau, M. K
 Chen, Cheng-Sze, B.A. (Fuhtan Coll.), 1910
 Chisolm, Emilie Mann
 Chouquette, Lilly Elizabeth
 Chow, Yen
 Church, Elsie Sterling
 Church, Estella Louise
 Church, Helen Frances
 Church, Madeline Kingsley
 Cianchini, Luis Felipe
 Clark, Amy Eliza
 Clark, James Adna, jr., LL.B., 1908
 Clark, Mildred
 Clark, Walter Boone
 Clarke, Effie May
 Clarke, Helena Louise
 Cleary, Martin Joseph
 Clement, Maynard Sackett
 Clements, Laura Eliza
 Cleminshaw, Russell Higbee
 Clough, Walter William
 Clynes, James Joseph
 Cocks, Dorothy Feeks, A.B. (N. Y. Nor. Coll.), 1913
 Cocks, Stephen Arnold
 Coe, Mi iam Storrs, B.S. (Smith), 1899
 Cohen, Etta
 Coira, Enrique
 Cole, Elizabeth Rutherford
 Coleman, Roland Warner
 Collins, Edwin Leo
 Collins, Katherine Estelle, B.A. (Smith), 1907
 Collins, Mary Mathias
 Collins, Wallace Hardison
 Colson, Ephraim Perry, A.B. (Bates), 1907
 Comstock, Charles Ward
 Conant, Harold Abbott Rand
 Concepcion, Manuel Sanagustin, A.B. (St. Thomas Univ.), 1908
 Conklin, Daisy Jean, M.S. (Hunter Coll.), 1898
 Conkling, Lester Jay
 Conkling, Mildred Hastings
 †Constable, Mary Luise, B.S. (Univ. of Pa.), 1906
 Conway, Thomas J
 Cook, Della Beatrice
 Cook, Helen Isadore
 Cook, Leon Emory, A.B., 1913, B.S. in Agr., 1914
 Cooke, Everett Brownell
 Cooke, Thomas Turner
 Cooney, Margaret Sheerin
 Cooper, Lester Marcus
 Copley, Burr Carleton, B.S., 1913
 Corcoran, Edward Stephen
 Core, John Calvin, jr
 Corell, Alice Freedom
 Cork, Helen Willard
 Cornelius, Hilda Belle
 Cornwell, Ellison
 Coronado Vigil, Julio Antonio
 †Corrington, Julian Dana, A.B., 1913
 Corwith, Howard Post
 Coryell, Edna, B.S. (Columbia), 1914
 da Costa, Oscar Machado
 Cotter, Vera Elisabeth
 Coulter, William Adams
 Coutinho, Ramiro da Cunha
 Covey, Grace
 Coville, Perkins
 Cox, William John
 Crafts, Curtis Stratford
 Craig, Thomas Robinson
 Cramp, Carrie May
 Crampton, William Henry
 Crandall, Addison Bardshar
 Crane, Elizabeth Frances
 Crane, Irene Lillian
 Crawford, Janet Monroe, A.B. (Beaver Coll.), 1909
 Crawford, William Lee
 Crim, William Doolittle
 Cropsey, Jaques Van Brun
 Crosby, Willard McNeil
 Port Byron
 Brooklyn
 Canton, China
 Foochow, China
 Huntingdon, Pa.
 St. Louis, Mo.
 Holyoke, Mass.
 Ithaca
 Marcellus
 S. Framingham, Mass.
 Ithaca
 Coamo, Porto Rico
 Honesdale, Pa.
 Interlaken
 Grand Junction, Colo.
 Salem, Ore.
 Buffalo
 Lestershire
 Ithaca
 Albany
 Liberty
 Cleveland, O.
 Oneonta
 Ithaca
 Lynbrook
 Port Washington
 New York City
 Buffalo
 Ciales, Porto Rico
 Brookline, Mass.
 Piermont
 Ithaca
 Cortland
 Mahanoy City, Pa.
 Tulsa, Okla.
 Rockland, Me.
 Yorkville
 Upper Montclair, N. J.
 Manila, P. I.
 New York City
 Middletown
 Harrisburg, Pa.
 Philadelphia, Pa.
 Ithaca
 Ithaca
 Bluffton, Ind.
 Andover
 Paterson, N. J.
 Orange, N. J.
 Ithaca
 Cortland
 Unadilla
 Interlaken, Mass.
 Uniontown, Pa.
 Buffalo
 Charleston, W. Va.
 Sunbury, Pa.
 Hempstead
 Chiclayo, Peru
 Hot Springs, Ark.
 Water Mill
 Berkeley, Cal.
 Rio de Janeiro, Brazil
 Union Springs
 Bridgeport, Conn.
 Belém, Pará, Brazil
 Moravia
 Ithaca
 Devonshire, Bermuda
 Chicago, Ill.
 Rosemont, Pa.
 Hanover, Pa.
 Detroit, Mich.
 Chattanooga, Tenn.
 Dunmore, Pa.
 Fredonia
 Beaver, Pa.
 Erie, Pa.
 Utica
 Brooklyn
 Lockport

- Croucher, Altus Potter
 Crow, Martha Foote, Ph.D. (Syracuse), 1888
 Crowell, William Young
 Crumbaker, Annie Dorothea
 Culbertson, George Thomas
 †Cunningham, Samuel Kirkwood, A.B. (Westminster Coll.), 1907
 Cunningham, Secor, jr., Ph.B. (Yale), 1913
 Curran, Stanley Thompson
 Currier, Alice Lillian
 Currier, Arnold John
 Curtis, Dorothy
 Cushing, Pauline
 Cutter, Aurilla P.
 Cutting, Robert Hill
 Dadisman, Samuel Houston, B.S. Agr. (West Va. Univ.), 1912
 Daggett, Edith Louise
 Dailey, Blanche
 Dailey, Frank Edward
 Daly, Mary Catherine
 Damsky, Charles David
 Dancy, Frank Battle, jr.
 Daniels, Florence DeWitt
 Daniels, John Alden
 Daniels, Mary Esther, A.B. (Barnard Coll.), 1908
 Dann, Archie Byron
 Dann, Hollis Hanford
 Dann, Jennie Lee
 Darst, John Ben
 Davidson, Benjamin Goodell
 Davies, Robert William
 Davis, Arnold Eaton
 Davis, Arthur Randall
 Davis, Florence Elizabeth
 Davis, Frederick Archibald, jr.
 Dawley, Walter Gardner
 Day, Mary Frances
 Dayton, James Wilson, B.S. (Mass. Ag. Coll.), 1913
 De Ceu, Kathleen
 Dedlow, Carl
 †Deevers, Roland Gilliford, A.B. (Westminster), 1902, A.M. (same), 1905
 DeMott, Henry Vroom
 Dempsey, George Roger, M.D., 1911
 Dering, Gladys Muriel, B.A. (New Rochelle Coll.), 1912
 Derrick, Grace Townsend
 Derrick, Karl Townsend
 Detmers, Walter Hayes, A.B. (Brown), 1900
 Detweiler, Peter Charles
 Dewsnap, Mary
 Diasselliss, George Arthur
 Dickinson, Jeannette M.
 Dickson, Agnes Spiers
 Diekmann, Minnie
 Diekmann, Frieda
 Dike, Alice May, A.B. (Vassar), 1910, A.M. (Albany State Coll. for Teachers), 1914
 Dillman, Julia Ann, A.B., 1909
 Dimon, Katheryn Jennings
 Disay, Ethel, A.B. (Thiel Coll.), 1903
 Dodge, Rosamond Mercereau
 Dold, Ralph Seeger
 Donohue, Eleanor, A.B. (Hunter Coll.), 1909
 Donohue, Mary Veronica
 Donovan, Joseph Raymond
 Dougall, Catharine, N.D.D. (Agr. Coll. Glasgow), 1913
 Dougall, Robert, B.S.A. (McGill), 1914
 †Douglas, Elizabeth May, B.S. (Simmons Coll.), 1907
 †Douglas, Frank William, A.B. (Albion Coll.), 1905, A.M. (Univ. of Mich.), 1908
 Driscoll, Cecilia
 Driscoll, Clare
 Driscoll, James Francis
 Driscoll, Julia
 Duba, John, jr.
 †Dubar, Violet, A.B., 1906
 DuBois, Lester Wells
 DuBois, Mildred
 Dudley, Edith
 Duffie, Benajah Cooksey, jr.
 Dunbar, Clarence William
 Duncan, Florence Gerry
 Dunlap, Agnes Christine
 Dunton, Effie
 Dunwiddie, Gwendolyn Mae
 Newark, N. J.
 Tuckahoe
 Manchester
 Altoona, Pa.
 Mt. Vernon, O.
 Pittsburgh, Pa.
 Chicago, Ill.
 New York City
 Pawtucket, R. I.
 Hamilton
 Harrington Park, N. J.
 Boston, Mass.
 Groton
 Winchester, Mass.
 Grafton, West Va.
 Brooklyn
 Bluffton, Ind.
 Brockport
 Waverly
 Utica
 Baltimore, Md.
 Buffalo
 Buffalo
 New York City
 Ithaca
 Ithaca
 Monticello
 Charlottetown, N. C.
 Sault Ste. Marie, Mich.
 Monessen, Pa.
 Livonia
 Fairfield, Me.
 Arcade
 Fort Edward
 Providence, R. I.
 Morristown
 Hammondsport
 Buffalo
 Johannesburg, Transvaal
 Pittsburgh, Pa.
 Metuchen, N. J.
 Millerton
 Yonkers
 Ithaca
 Ithaca
 Buffalo
 Temple, Pa.
 Middletown
 New Orleans, La.
 Titusville, Pa.
 Unadilla
 Brooklyn
 Brooklyn
 1914 Lake Placid
 Connersville, Ind.
 Southampton
 Greenville, Pa.
 Waverly
 Buffalo
 North Egremont, Mass.
 Elmhurst
 Richmond Hill
 Pretoria, S. Africa
 Pretoria, Transvaal
 Gardner, Mass.
 Albion, Mich.
 Ithaca
 Ithaca
 Ithaca
 Hamilton, Ont., Canada
 Titusville, Pa.
 Brooklyn
 New York City
 New York City
 Houston, Texas
 Cleveland, O.
 Brooklyn
 Holland Patent
 Camden
 Philipsburg, Pa.

- Durham, Richard Ferris
 Dutcher, Frederick Harris
 Dye, Cloyd Leroy
 Dyer, Eleanor Ray
 Eachus, Marian Forrest
 Earl, Clifford Thomas
 Earl, Dora Louise, B.S., 1913
 Earll, Jennie Maria
 Earnshaw, Ralph
 Eastman, Edward Roe
 Eaton, John
 Ebersole, Chapman
 Eddy, Wilton Nathaniel
 Edmiston, Hugh Caldwell, jr.
 Edson, Francis Henry
 Edwards, Alice
 Edwards, Faye Lenore
 Edwards, Helene
 Ege, Elizabeth Mary
 Eger, Helen Katherine
 Egerton, Esther, A.B. (Smith), 1909
 Eggleston, Jere Dudley
 Ehlers, Louise Catherine
 Eichenbaum, Rose Laura
 Eisenbeis, Edwin Alvin
 Eisler, Camilla
 Eisler, Otilie
 Elden, Emma
 Elder, Rose Estella
 †Ellenberger, Howard Bowman, B.S.A. (Iowa State Coll.), 1905
 Ellis, Bertha Maude
 Elsbree, Anna
 Ely, Eleanor, Ph.B. (Univ. of Chicago), 1911
 Emerick, Edred
 Enos, Grace Mawhood
 Entwisle, Clare
 Epstein, Nathan
 Erzberger, Albertine
 Escoll, Morris Julius
 Esgar, Mildred Marlor
 Eshman, Matilda Berenece
 Estabrooks, Martha Louise
 Etnier, Walter Leslie
 Evans, Walter Eugene, M.Pd. (Millersville Nor.) 1911
 Evans, William Hooper
 Ewing, Mary
 Ewing, Paul Albert, A.B. (Univ. of Nebr.), 1907
 Extance, William Levi, jr.
 Fager, Florence
 Fahey, Aloysius Austin
 Fahlberg, Grace Sara Mathilda
 Fahy, Charles Harold
 Falconer, Cyrus
 Farnum, Marjorie May
 Farrell, Julia Frances
 †Fattig, Perry Wilbur, B.S. (Ohio Univ.) 1912, M.S. (same), 1913
 Feldman, Louis
 Ferrer, Francisco Jose
 Ferron, Gertrude
 †Ferry, Lily Martin, B.S. (Univ. of Chicago), 1910
 Feuchtwanger, Henrietta
 Fillmore, Maconda Morgan
 Finney, Walter
 Fiscus, Uarda Maude
 Fish, Margaret Merrill
 Fisher, Ella
 Fiske, Chrisabel Forsythe, Ph.B. (Cornell), 1898, M.A. (Columbia), 1901, Ph.D. (Cornell), 1903
 Fitzpatrick, Philip Wright
 Flaherty, Katherine Agnes
 Flansburgh, Earl Alvah
 Fleming, Edith Cuthbert
 Fletcher, Robert James
 Fletcher, Roderick von Schrader
 Flitcroft, John Ehret
 Foot, Henrietta Maria, A.B. (Syracuse), 1912
 Forbes, Charles Frank
 Forcey, Helen
 Forcey, Katherine
 Ford, Hanson Gerard
 Fordyce, Grace
 Greenville, S. C.
 Montclair, N. J.
 Upper Sandusky, O.
 Pittsburgh, Pa.
 West Chester, Pa.
 Harriman
 Ithaca
 Syracuse
 Manila, P. I.
 Interlaken
 Corning
 Cincinnati, O.
 Jamestown
 Orange, N. J.
 Buffalo
 Glens Falls
 Ithaca
 South Whitley, Ind.
 Rochester
 Jamaica
 Newton Centre, Mass.
 Meriden, Conn.
 Philadelphia, Pa.
 Cleveland, O.
 Pittsburgh, Pa.
 Brooklyn
 Brooklyn
 Homer City, Pa.
 Oakmont, Pa.
 Ithaca
 Lockport
 Ithaca
 Chicago, Ill.
 Clearfield, Pa.
 New Albany, Ind.
 Philadelphia, Pa.
 Brooklyn
 Jersey City, N. J.
 New York City
 Wyoming, Pa.
 East Pittsburg, Pa.
 Brooklyn
 Chicago, Ill.
 Alden
 Birmingham, Ala.
 New Brighton, Pa.
 Washington, D. C.
 Brooklyn
 New York City
 Eastport, Me.
 Brooklyn
 Rochester
 Darling, Pa.
 Uxbridge, Mass.
 Syracuse
 Pickerington, O.
 New York City
 Cons, del Sur, Cuba
 Philadelphia, Pa.
 Louisville, Ky.
 New Haven, Conn.
 Buffalo
 Ocean Park, Cal.
 Leechburg, Pa.
 Randolph
 Pittsburg, Pa.
 Ithaca
 St. Paul, Minn.
 Prattsburg
 Hoosick Falls
 Ithaca
 New Britain, Conn.
 Cardinal, Va.
 Paterson, N. J.
 Rome
 Chicago, Ill.
 Beech Creek, Pa.
 Beech Creek, Pa.
 Portland, Me.
 Pasadena, Cal.

- Forman, Horace Baker, 3d
 Foster, Dorothy
 Foster, Enola Bernice
 Foster, Katherine Phillips
 Foster, Richard John, jr.
 Foster, Willard Stillwell
 Frank, Ethel Mary, Ph.B. (Syracuse Univ.), 1907
 Franks, Norvin Harry
 Fraser, Bessie Grant
 Frederiksen, Felix Morse, A.B., 1914
 Freedlander, Etta, A.B. (Western Reserve Univ.), 1905
 Freeman, Harlan Page, B.A. (Amberst), 1912
 Freyre, John Pedro
 Fries, Anna Marie
 Fritz, William Howard, jr.
 Frost, Charles Pearsall
 Frost, Joseph Nesbitt
 Funk, Horace Clemmer, Ph.B. (Brown), 1907
 Furter, Warne Huszagh
 Gabriel, Harry S.
 Gale, John Warrington
 Galloway, Robert Edmunds
 Ganiard, Julia Cordelia
 Garvin, Fanny Amelia
 Gates, John George
 Gause, Ella Townsend
 Geary, John Donald
 Geldenhuys, Frans Eduard, A.B. (Cape of Good Hope Univ.), 1910, B.S. (Cornell), 1913,
 Johannesburg, S. Africa
 Geller, Mary Ellen
 Gemmill, Ruth
 Gentzler, William Jacob
 Germann, Emma Estelle
 Getman, Fredella Babcock
 Gibbon, William Rose
 Gibbs, Stephen Bradford
 Gibson, Arthur Edward
 tGibson, Hebe Howard, A.M. (Columbia), 1912
 Gielow, Elsa Sophie
 Giesser, Rosina Louise
 Gilbert, Amy Margaret
 Gilbert, Nellie May, A.B. (Wilson Coll.) 1914
 Gilcher, Ralph Jacob
 Gilkey, Royal, B.S. in Agr., 1908
 Gill, Sadie Agnes
 Gillespie, Thomas Leonard
 Gillett, Ida Jane
 Gilman, Arthur Reynolds
 Gilman, Florence, M.D. (Tufts), 1902
 Gilmour, John Thomas, B.S. (Norwich Univ.) 1909
 Gleason, George Scott, A.B., 1909
 Glick, Harry Naylor
 Glidden, Herbert Harrison
 Goldsmith, Marc S.
 Goldthwaite, Lucille Armistead
 Goldthwaite, du Val Radford
 Goncalves, Dario Rodrigues
 Goodfellow, Margaret
 Goodier, Harvey Treadway
 Goodrich, Moses Foster, S.B. (Worcester Poly. Inst.), 1893
 Goodsell, Marguerite, B.A. (Smith), 1908
 Goodspeed, D. Maude
 Goodwin, Melvin Biggs, A.B., (Cornell), 1908, M.A. (Univ. of Pennsylvania), 1913
 Gordon, Harry
 Gorman, Mary Isabel
 Gorsuch, Gertrude Louisa
 Grant, Minnie Alexine
 tGrave, Benjamin H., Ph.D. (Johns Hopkins) 1910
 Graves, Charles Hicks
 Gray, H. Paul
 Gray, Joseph Howard
 Gray, William Ray, B.S. (Clemson Coll.), 1912
 Green, Alva I., A.B. (Univ. of S. Carolina), 1913
 Green, Bertha Anna
 Green, Robert Sylvester
 Green, William Albert, jr.
 Green, William Stuart
 Greenwood, Raymond Crossman
 Greenwood, Walter Robert A.B. (Colgate), 1914
 Griffin, Edna Mae
 Kitchawan
 Alexandria, Pa.
 Ithaca
 Brooklyn
 Brooklyn
 Rutherford, N. J.
 East Orange, N. J.
 Chicago, Ill.
 New York City
 Little Falls
 Cleveland, O.
 Fredonia
 Havana, Cuba
 Phoenixville, Pa.
 Berwyn, Pa.
 Poughkeepsie
 Geneva
 Palm, Pa.
 Chicago, Ill.
 Rock Stream
 Washington, D. C.
 Memphis, Tenn.
 Industry
 St. Louis, Mo.
 Brooklyn
 Atlantic City, N. J.
 Cleveland, O.
 (Cornell), 1913,
 Johannesburg, S. Africa
 Lansdale, Pa.
 Bogota, N. J.
 York, Pa.
 Brooklyn
 Schenectady
 Los Angeles, Cal.
 Middletown
 Brooklyn
 Covert
 Buffalo
 Buffalo
 Chambersburg, Pa.
 Chambersburg, Pa.
 Danville, Ky.
 Ithaca
 East Stroudsburg, Pa.
 Seneca Falls
 Colden
 Ithaca
 Meredith, N. H.
 W. Newton, Mass.
 Glens Falls
 Woodbine, N. J.
 Holley
 New York City
 New York City
 Montgomery, Ala.
 Sao Paulo, Brazil
 Indiana, Pa.
 Utica
 New York City
 East Orange, N. J.
 Mamaroneck
 Philadelphia, Pa.
 New York City
 Pittsburgh, Pa.
 Fork P. O., Md.
 Syracuse
 Monrovia, Ind.
 Sunderland, Vt.
 Pine Plains
 Elizabeth, N. J.
 Gray Court, S. C.
 Sumter, S. C.
 Brooklyn
 Brooklyn
 Dallas, Tex.
 Chicago, Ill.
 Newark
 Newburgh
 Ithaca

- Griffin, Harriet Louise
 †Griscom, Ludlow, A.B. (Columbia), 1912
 Griswold, Truman Hull, A.B., 1914
 Grossklaus, Freda
 Guerrant, Sallie Adelaide, B.A. (Centenary Coll.), 1896
 Gunsolus, Earle Henry
 Guthery, Damon
 Gutsell, Robert Squier, †
 Gyder, Mary Katherine
- Haas, Mae Elizabeth
 Haccius, Rodolphe, C.E. (Univ. of Munich), 1912
 Hall, Frank Bosburg
 Hall, George Raymond
 Hall, Jessie Elsie
 Hall, Mary Frances
 Hall, Willard Johnson
 Hall, William Norman
 Halsted, Harold Camerden
 Ham, John Frederick
 Hamilton, Carrie Endslo
 Hammond, Laurens
 Hampson, Harriet
 Hanley, Bessie Graham, B.S. (Univ. of Pa.), 1908
 Hanrahan, Edward M., jr.
 Happell, Florence Effrig
 Harclerode, William McClure
 Harding, John Phelps
 Harmon, Lucie, A.B. (Univ. of Mich.), 1910
 †Harned, Robey Wentworth, B.S. Agr. (Ohio State Univ.), 1906
 Harris, Carrie Birdie
 Harris, Frank Andrew, A.B. (Adelbert), 1910
 Harris, Lucy Gerrish
 Harris, Martha
 †Harris, Rebecca Stoneman, A.B., 1913
 Harrison, Randolph Carter
 Hart, Austin Sprague
 Hart, Edward
 Hart, Jessie Mable
 Hart, Mildred Goldberg
 Hartman, Charles Easton
 Hasaalum, Olivia
 Haskell, Vena
 Hastings, Estell Marguerite
 Hastings, Irma Elizabeth
 Haug, Chester Amos
 Haupin, George Daniel
 Hauth, Emma Magdalen
 Haux, Elmer Herman
 Havens, William Louis
 Haviland, Earl Hayne
 Haviland, Paul Girard
 Hawkins, Edward Ruszits
 Hawkins, Mary
 Hayes, Clarence Reaney
 Hayes, Maud Ellen, A.B. (Columbia), 1908, A.M. (same), 1913
 Haylett, Lena Katerina
 Hayne, George Osborn
 Haynes, Edward
 Hazen, Leslie Eugene, B.S. Agr. (Kans. State Agr.), 1906
 Hazen, Ruth Irene
 Heatley, Margaret, B.A. (Wellesley), 1912, M.A. (same), 1912
 Hedrick, Mabel
 Hendrickson, Bertram Higbie
 Hendrickson, Eleanor
 Henika, Louia May, Ph.B. (Univ. of Wis.), 1913
 †Henkel, Mary Isabel, B.S. (Purdue), 1895
 †Henry, Mary Francis, A.B. (Colo. Coll.), 1905
 Hequembourg, James Treadway
 Herbert, Marion
 Herrmann, David
 Hersey, Charles Brooks, A.B. (Harvard), 1900, A.M. (same), 1900
 Hersey, Margaret Bertha Sprague
 Hertzler, Cory Lee
 Hewit, Herndon
 Hiestand, Elizabeth Leota
 Higgins, Walter Edwin
 Hill, Dudley Lawrance
 Hill, Edward Albert
 Hill, Willard Dimock
 Hillbrand, Grace Amelia
- New Haven, Conn.
 New York City
 Warren, Ohio
 Brooklyn
 Christiansburgh, Va.
 Humphrey Center
 LaRue, O.
 Ithaca
 Franklin, Pa.
- Allentown, Pa.
 Geneva, Switzerland
 San Angelo, Texas
 Brooklyn
 Utica
 La Grangeville
 Canandaigua
 Brownsville, Tex.
 Brooklyn
 Millbrook
 Altoona, Pa.
 Evanston, Ill.
 North East, Pa.
 Philadelphia, Pa.
 Binghamton
 Landsdale, Pa.
 Steelton, Pa.
 Saranac Lake
 Milwaukee, Wis.
 Agricultural College, Miss.
 Buffalo
 Medina, O.
 Ipswich, Mass.
 Duryea, Pa.
 Ithaca
 Richmond, Va.
 Cleveland, O.
 Clarksburg, W. Va.
 Philadelphia
 Fredonia
 Sharon Springs
 Mount Vernon
 Edgartown, Mass.
 Brooklyn
 New York City
 New York City
 Sugar Grove, Pa.
 Altoona, Pa.
 Newark, N. J.
 Edmeston
 Ithaca
 Brooklyn
 Syracuse
 North Adams, Mass.
 Cleveland, O.
 Soors, Conn.
 Ithaca
 New York City
 Brooklyn
 Centralia, Kansas
 Centralia, Kansas
 Fall River, Mass.
 Ravena
 White Plains
 Newark, N. J.
 Milwaukee, Wis.
 Milwaukee, Wis.
 Denver, Col.
 New York City
 Kingston
 Ithaca
 Buffalo
 Buffalo
 Wellsville, O.
 Hollidaysburg, Pa.
 Phoenixville, Pa.
 Cleveland, O.
 Peekskill
 Short Hills, N. J.
 Cleburne, Tex.
 Mt. Vernon

- Hillabrand, Lillian Wells, A.B. (Hunter), 1904
Hinds, Ella Annette
Hines, James Wesley
Ho, Chung Ming
Hoag, Georgia Locke, Mus.B. (Syracuse Univ.), 1910
Hock, Harold Leslie
Hockenberger, Lillian Belle, A.B. (Smith Coll.), 1911
Hoff, Louise Ruth
Holcombe, Jean Louise
Holder, Frederick Mattill
Holland, Lillian Charlotte
Hollis, Henry French, jr.
Holloway, Henry Franklin, jr.
Holmes, Ethel Harriet
Holt, Caroline Constance
Holt, Edward Frederic
Holway, Elmore Nymphus
Homer, Edward Clark
Hook, Flora Emma, Ph.B. (Syracuse Univ.), 1907
Hooper, Gladys Ella
Hopkins, Elena Maria
Hoppe, Charlotte Caroline
Hoppe, Margaret
Horn, Robert Marion
Horton, Ervia Dearlove
Houck, Harvey Francis
Houseman, William Lynn, B.S. (Colgate), 1908
Houston, Horace King
Houston, Philip Douglas
Howard, David Joseph
Howard, Lulu Florence
Howe, Harry Beach
Howe, Maude Louise, B.A. (Elmira Coll.), 1911
Howerth, Herbert Joseph
Howitt, Weldon Edward
Hoyt, Raymond Haslam
Hoyt, Stephen Charles
Huang, Chen Hung
Hubbard, Mary Isabelle
Huddle, Otto Everett
Huerdler, Erich George
Hughes, Bertha Deane
Humphrey, Edith
Humphrey, Harry Lyman
Humphrey, Horace Minear
Hunt, Earle Cole
Hunt, Ernest Carson, jr.
Hunt, Martin Charles
Hunt, Roy
Hunt, Stanley Fuller
Hunter, Joseph Ward
Hunter, Kenneth Hume
Hussey, Thomas Ormond, M.E., 1912
Hyde, Caroline Howard, A.B. (Mt. Holyoke), 1904
Hyde, Martha
Ingram, Beatrice
Ivins, Maurice Harvey
Jack, William Johnson, A.B. (Yale), 1905, A.M. (same), 1909
Jackson, Howard Elmer
Jackson, William Brinckerhoff, jr.
Jacobs, George Robert
Jacobs, West Chute
Jacot, Arthur Paul
Jacot, Elsa Blanche
James, Geoffrey Minto
James, LaFaye, B.S. (Martha Wash. Coll.), 1909
James, Walter Eugene
Jaques, Annie
Jeffers, Carrie Eby
Jennings, Burton Aaron
Jennings, Frances, B.A. (Hunter Coll.), 1913
Jennings, Harold Manson, A.B., 1913
Jennings, Laura
Johns, Thomas Wesley
Johnson, Catherine Virginia
Johnson, Charles Harvard
Johnson, Chester Phillips
Johnson, Edgar Blauvelt
Johnson, Irena Mae
Johnson, Jeannette
Mt. Vernon
Worcester, Mass.
Hamburg
Canton, China
Mansfield, Pa.
Goshen
Union Hill
Yonkers
Towanda, Pa.
Cincinnati, Ohio
Brooklyn
Washington, D. C.
Montclair, N. J.
Corning
Pottsville, Pa.
Queens
La Crosse, Wis.
River Forest, Ill.
Waterville
Atchison, Kansas
Brooklyn
Rochester
Rochester
East St. Louis, Ill.
Prattsburg
Elmira
Stockbridge
Chicago, Ill.
Chicago, Ill.
Buffalo
Toledo, O.
Shortsville
Elmira
Shamokin, Pa.
Madrid
Stamford, Conn.
Auburn
Tientsin, China
Pittsburg, Pa.
Van Etten
Buffalo
Utica
New York City
Waterbury, Conn.
New York City
Binghamton
Flushing
Long Island City
Tenafly, N. J.
Worcester, Mass.
Dansville
Auburn
Savannah, Ga.
Westville, Conn.
Raleigh, N. C.
Buffalo
Langhorne, Pa.
Indiana, Pa.
Arlington, Md.
Silver Spring, Md.
Harrisburg, Pa.
West Point
Monroe, Conn.
Honesdale, Pa.
Eastbourne, England
Independence, Va.
Charlotte
New York City
Newport, Pa.
Cincinnati
Brooklyn
Cincinnati
Danby
New Castle, Pa.
Alexandria, Va.
New York City
Ithaca
No. Tarrytown
Cortland
Ellicottville

Johnstone, Clara Archer
 Jonas, Isabel
 Jones, Gertrude Frederika
 Jones, Maurice, B.S. (Earlham Coll.), 1909
 Jones, Paul Prentiss, A.B. (Dartmouth), 1912
 Jones, Rachel
 Judd, Carolyn Belle
 Judson, Charles Daniel
 Kaiser, Christine
 Kane, Cecilia Teresa, A.B. (Hunter Coll.), 1904
 Karp, Isidor
 Kaufman, Abraham
 Kavetsky, Annie
 Keating, Thomas Francis, jr.
 Keeler, William Henry, 3d
 Keller, Ida Augusta, Ph.D. (Univ. of Zurich), 1891
 Kellogg, Lydia Parr
 Kelly, Edwin Parsons
 Kelly, Eva Hope
 Kelly, Theodore
 Kelsey, Lydia Leah
 Kemper, David Alexander
 Kennedy, Vivian Foyd
 Kerchner, Elizabeth Jane
 Kester, Lenna
 Ketcham, Elsinore
 Ketcham, Truman John
 Kilbourne, Edwin Ingersoll
 Kilburn, Clarence Evans
 Kimberly, Arthur Myndert, A.B. (Williams), 1912
 King, Anna Williams, A.B., 1901
 King, Harriet Lucas
 Kirk, Orland Bethel
 Klein, John Joseph, A.B., 1913, A.M., 1914
 Kleitz, Eloise Irene
 Klemenhausen, Hannah Clara, B.A. (Gustavus Adolphus), 1911
 Knappenberger, Martha Olive
 Knight, Dorothy Reese
 Knight, Howard Ashley
 Knight, Minerva Shelburne, B.A. (Univ. of Tenn.), 1913
 Knipp, George Lewis
 Kobre, Regina
 Koch, Joel
 Koehnke, Jeannette Drews
 Kohm, Joseph Anthony
 Kohn, Norman Earl
 Konold, Selma Mathilda
 Kositzky, Ralph Herbert
 Kraft, George Lester
 Krautz, Eda Margaret
 Krieg, William Eugene
 Kuchler, William Edward
 Kuhn, Mildred
 Kurzman, Charles
 Kurzman, Helen
 Kwan, Tsu-Chang
 Kysor, Anna Dygert
 LaBarre, Norma Vernie
 Lafetra, Emma Jane
 Laird, John Evans
 Lalley, Walter Rowe
 Landy, Sophie
 Lane, Emory Wilson, B.S. in C.E. (Purdue), 1912
 Lane, Florence Raymond
 Lane, Herbert V.
 Lane, Judd Charles
 Langham, Edna Ethel
 Langworthy, William Franklin, A.B. (Colgate), 1887, A.M. (same), 1890
 Lanman, George Burnham
 Larkin, Edward Francis
 Larkin, Leo Paul
 Lask, Clara
 de Laski, Arthur Bancroft
 de Laski, Edgar Gustave
 Lattie, Bertha Jane
 Lau, Kwai Cheuk
 Lauman, Margaretta
 Lautz, Theodore Van Vleck
 Lawrence, Bertha
 †Layton, Ora Dennis, Ph.B. (Alfred Univ.), 1901
 LeBrun, Hilaire Octave

New York City
 Brooklyn
 Elmira
 Lebanon, Ind.
 Windham, Vt.
 Scranton, Pa.
 Worcester
 Oswego
 Pittsburg, Pa.
 New York City
 New York City
 New York City
 Brooklyn
 New York City
 Pittsburg, Pa.
 Philadelphia, Pa.
 Ithaca
 Louisville, Ky.
 Brooklyn
 Washington, D. C.
 Sheffield, Mass.
 Dillon, Mont.
 Sharpsville, Pa.
 Sunbury, Pa.
 Shickshinny, Pa.
 Rockford, Ill.
 Waterbury, Conn.
 Brooklyn
 Malone
 Watervliet
 Williamsport, Pa.
 Ithaca
 Piedmont, O.
 Brooklyn
 Buffalo
 St. Peter, Minn.
 Jeannette, Pa.
 Ithaca
 Putnam, Conn.
 Ithaca
 Auburn
 Brooklyn
 New York City
 Vineland, N. J.
 Ithaca
 New York City
 Millvale, Pa.
 Yankton, S. Dak.
 Washington, D. C.
 Honesdale, Pa.
 Woodhaven
 New Rochelle
 Buffalo
 New York City
 New York City
 Peking, China
 Bath
 Ithaca
 Redbank, N. J.
 Freehold, N. J.
 Bridgeport, Conn.
 New York City
 Lafayette, Ind.
 Baltimore, Md.
 Brockport
 Nichols
 Johnstown, Pa.
 Hamilton
 Columbus, O.
 Ithaca
 Ithaca
 New York City
 Weehawken, N. J.
 Weehawken, N. J.
 Portland, Me.
 Hong Kong, China
 Pittsburgh, Pa.
 Buffalo
 Phillipsburg, N. J.
 Canisteo
 Syracuse

Lee, Leon Frank	Berkshire
Legge, Nina	Ithaca
Lehrbach, Warren Willma	Buffalo
Leighton, Kilburn	Syracuse
Lenney, James Patrick	St. Louis, Mo.
Levy, Frank Mortche	Buffalo
Levy, Sadie Nathan	New York City
Lewis, Mabel Anna	Washington, N. J.
Lewis, Mary A.	Springfield, Mass.
Lewis, William E., B.A. (Maryville), 1904	Le Raysville, Pa.
Liang, Hoaying	Peking, China
Liang, T. Kai	Peking, China
Lichtenfels, Rosalie Wollstein	New York City
Lichtman, Lena, B.A. (N. Y. Nor. Coll.), 1904	Brooklyn
Lighton, Frances Maude	Cortland
Littell, Elizabeth Duval	New York City
Lloyd, Edward Stabler	Red Bank, N. J.
Locke, Charles Seward	Hammondsport
Loewe, August Percival	Danbury, Conn.
Loftin, Edith LeVancia	Ithaca
Loneragan, Ruth Noreen	North Adams, Mass.
Long, Jessamine Elizabeth	Buffalo
Long, Tudor Seymour	Summerville, S. C.
Longmaid, Harold Esterbrook	Helena, Mont.
Longwell, Henry Edgar, jr.	New Haven, Conn.
Lopez, Francisco Frederico	Salta, Arg. Rep.
Lorch, Hermine	Detroit, Mich.
Lott, Henry DeWitt	Brooklyn
Low, Clara Louise	New York City
Lowell, Cornelius Duane	Schenectady
Lucid, Leo Michael	Batavia
Lyle, Evelyn Conway	Ithaca
Lynch, Anna May	Washington, D. C.
Lynch, Julia Elizabeth	Sayre, Pa.
Lynch, Sara Phebe, A.B. (Geo. Wash. Univ.), 1901	Washington, D. C.
Lyon, Bertha Pirsson	Newark, N. J.
Lyon, George Washington	Oneonta
Lyons, Ethel Helen, A.B. (Radcliffe), 1907	Cambridge, Mass.
McAdams, Kathleen Anne	New York City
McAllister, Nellie Clare, A.B., 1912	Ithaca
McCarn, Colin DeForest	Andover
McCarthy, Joseph Dudley	Buffalo
McChesney, John David	Brooklyn
McClelland, William Fred	New York City
McConn, Ruth	Wabash, Ind.
McConnel, Murray	Sao Paulo, Brazil
McConnell, Carl Gilbert	Varna
McCorkle, Marion Willard	Philadelphia, Pa.
McCulloch, Jennie Mary	Pittsfield, Mass.
Macdonald, Malcolm Ronald	St. Paul, Minn.
McDonnal, Georgia White	Hamilton, Md.
Macedo, Jose Buarque	Rio Janeiro, Brazil
McEntyre, Mary	Washington D. C.
McGaw, Anna Elizabeth	Pittsburgh, Pa.
McGeary, Mabel Edith	Findlay, O.
McGee, Sarah Hodgkinson	Homer City, Pa.
McGill, Donald Cameron	Rochester
McGraw, Hiram Ward, A.B. (Colgate), 1912	Hamilton
MacIlroy, Helen	McKeesport, Pa.
Mackay, Grace	Addison
McKee, Philip Judson	Dayton, O.
McKenna, Eleanor	Philadelphia, Pa.
McKinley, Fallie Felker, A.B. (Vassar), 1902	Leonia, N. J.
McMahon, Mary Louise	Elmira
McMaster, Donald	Rumford, Me.
MacMonagle, Ruth Vesta, A.B. (St. Lawrence Univ.), 1907	Canton
McNair, Maurice Lloyd	Amherst, Mass.
McNeal, Donald LeVerne, A.B. (St. Lawrence Univ.), 1910	Niagara Falls
Macomber, Howard C., B.S. (Union Coll.), 1910	Tarrytown
McQuat, Ethel	Newark, N. J.
MacWhorter, Mabelle Vassar	Ithaca
Macy, Charles Leo	Cold Spring Harbor
Mago, Lillian Angela	Tonawanda
Mahood, Amy Gertrude, B.S. (Wayne Normal), 1909	Columbus, Neb.
Mallonee, Thomas Franklin	Parkville, Md.
Maloney, Nellie Teresa	Syracuse
Malvar, Bernabe	Tomas, Batangas Prov., P. I.
Manchester, Adolph Archibald	Brooklyn
Manchester, Ruth Coe, A.B. (Bryn Mawr), 1913	Winsted, Conn.
Mancusi-Ungaro, Teresita	Newark, N. J.
Mandel, Simon David	New York City

- Mangus, James, Ph.B. (Hamilton), 1909
 Manning, Mary
 Margulis, Abraham Bernard
 Marmol, Fernando
 Marsh, Forrest Latham
 Marsland, Helen Boyd
 Marsland, Walter Stanley, A.B., 1908
 Martin, Edward Ward
 Martindell, Frank
 Masson, Mary Graham
 Mattern, David Earl
 Matthews, Gordon
 Mayer, Albert Kenneth
 Maynard, Franklin Purdy
 †Maynard, Leonard Amby, A.B. (Wesleyan Univ.), 1911
 Mays, Walter Hicks, B.S. (Md. Agr. Coll.), 1911
 Mead, Roy Rouse
 Meddick, William Hyde
 Meigs, George Arthur, B.S. in E.E. (Univ. of Vt.), 1911
 Meigs, Grace Humphrey
 Meikle, Alexander Craig
 Mekota, Beatrice, A.B. (Univ. of Iowa), 1912
 Merrell, John Ludlum, A.B. (Univ. of Rochester), 1913
 †Merrill, Bertha Alice, B.L. (Smith), 1899
 †Merrill, Grace Evelyn, B.L. (Smith), 1902
 Merrill, Robert Dietz
 Merwin, Elsie Gertrude
 Meston, Robert Scott
 Metzger, Albert Columbus Delano, Ph.B. (Kenyon) 1898, M.A. (same), 1901
 Meyer, Cora Emma, B.S. (Univ. of Wis.), 1902
 Meyer, Lillian Elizabeth
 Meyers, Evangeline Anna
 Middleton, Robert Avery
 Miles, George Swiggart
 Miller, Cyrus W.
 Miller, Laura
 Miller, Mary Grace
 Miller, Sereno Glassell, M.E., 1908
 Milliron, Rosa Allison
 Millman, Joseph
 Mills, Geneva Marguerite
 Mills, Helen Margaret
 Minshall, Robert
 Mitchell, Mary Madalene
 Moffat, Helen
 Moffat, John Little, 6th
 Montani, Anthony
 Montgomery, Charles Berwind
 Montgomery, Maxine Erminie
 †Montrose, Frances Jane
 Mooney, Edward Samuel
 Moore, Edward, B.S. (Norwich Univ.), 1905
 Moore, Emily Elizabeth
 Moore, Franklin Chamberlin
 Moore, Lloyd Edward
 Moore, Lucile Hannah, A.B. (Earlham Coll.), 1902
 Moran, Clement, A.B. (Defiance Coll.), 1910
 Morgan, Bessie Bingeman
 Morris, Ida Margaret
 Morrissey, Gough Michael
 Morrow, Anna Horton
 Morrow, Paul Reed, A.B. (West Va. Univ.), 1909
 Morse, Everett Ralph
 Moses, Winifred
 Moyer, Bertha Snyder
 †Moyer, Blanche Wheeler, A.B., 1913
 Moyer, Harriet Wheeler
 †Moyer, John Wesley, B.S. (Temple Univ.), 1914
 Moyer, Violet
 Mueller, Bertha J.
 Mullikin, Alfred
 Mumford, Julia Hills, B.A. (Elmira), 1913
 Murdock, Caroline Elizabeth
 Murphy, Eleanor Jeanette
 Murphy, Elizabeth Irene
 Murphy, Genevieve
 Murphy, Julia Francis
 Murray, Kathryn
 Murray, Ruby Rivers, A.B. (Mt. Holyoke), 1912, A.M. (same), 1913
 Musser, Philip Sumner
 Myers, Jay Arthur, B.S. (Ohio Univ.), 1912, Ph.D. (Cornell), 1914
- Herkimer
 Interlaken
 New York City
 Chinha, Peru
 Nunda
 Middletown
 Middletown
 Portsmouth, Va.
 Waterbury, Conn.
 Washington, D. C.
 Des Moines, Ia.
 Fort Warren, Mass.
 Brooklyn
 Stamford
 Hartford
 Glencoe, Md.
 Moravia
 Ovid
 Randolph Centre, Vt.
 Randolph Centre, Vt.
 Baltimore, Md.
 Cedar Rapids, Iowa
 Rochester
 Lawrence, Mass.
 Lawrence, Mass.
 Schoharie
 Leeds, Mass.
 St. Louis, Mo.
 Columbus, O.
 Milwaukee, Wis.
 Brooklyn
 East Stroudsburg, Pa.
 Utica
 Union City, Tenn.
 Brooklyn
 New York City
 Dunmore, Pa.
 New Bedford, Mass.
 Baltimore, Md.
 Brooklyn
 Binghamton
 Rochester
 Terre Haute, Ind.
 Ithaca
 Ithaca
 Ithaca
 Indianapolis, Ind.
 Philadelphia, Pa.
 Ithaca
 Deposit
 Dansville
 Island Pond, Vt.
 North East, Md.
 Cleveland, O.
 Pine Plains
 Moorestown, N. J.
 Black Run, Ohio
 Sunbury, Pa.
 New York City
 Chilton, Wis.
 Ithaca
 Huntington, W. Va.
 Ithaca
 New York City
 Sellersville, Pa.
 Philadelphia, Pa.
 Philadelphia, Pa.
 Philadelphia, Pa.
 Penbrook, Pa.
 Philadelphia, Pa.
 Baltimore, Md.
 Watkins
 Edmonds, Wash.
 Dunkirk
 Bolivar
 Pittsburgh, Pa.
 Geneva
 Scranton, Pa.
 Guilford, Conn.
 Akron, O.
 Croton, Ohio

- Myers, Ralph John
 Myers, William Harley
 Nab, Nai
 Nagel, Paulina Margaret
 Nash, Winifred Edna
 Nathan, Robert Florence, jr.
 Nauman, Luther Marshall
 Nauss, Henry George
 Neale, Jay Elliot
 Neely, Esther Henderson
 Neepier, Ida Baker, A.B. (Goucher), 1912
 Neff, Lewis Knode, jr.
 Nelson, Ellen Gardner
 Nelson, Jennie Elizabeth
 Neville, Homer Borst
 †New, Tsunyoong, B.S. (Univ. of Ill.), 1914
 Newkirk, Arthur Duncan
 Newton, Edward Martin, jr.
 Nicholas, George Lawrence, jr.
 Nixon, Inez
 Noback, Gustave Joseph
 Noell, Josefa
 Norwood, John Nelson, Ph.B. (Alfred), 1906, A.M. (Univ. of Mich.), 1909
 Noss, Elizabeth McCormick
 Nugent, William Post
 Nusbaum, Walter Edward
 Obermyer, Bertha Hermina
 O'Connor, Madeline
 Odell, Frederick Edgar
 Ogden, Clara Moore
 Ogden, Katharine
 O'Halloran, Abigail
 O'Halloran, Mary
 O'Leary, James Hallen
 Oppenheimer, Herbert Rosenthal
 Ormond, Rebecca Eleanor
 Orner, Dora Byeava
 Osborn, Marie Delano
 Osborn, Mary Marguerite, B.A. (Wellesley), 1914
 Osborne, Charles Herrick
 Osterhout, Junia, A.B. (Baylor Coll.), 1895
 Ott, Charles Henry, jr., B.S., 1914
 Otten, Henry Louis, A.B., 1910
 Ourand, Margaret
 Owsley, Martha Mancell
 Palmer, Elizabeth
 Palmer, Maud Alice
 Parke, Richard Averell
 Parshall, Holmes Hollister
 Pashkow, Morris Herman
 Patchel, Margaret Mary
 Patterson, Mildred Van Wie
 Pearsall, George Martin
 Pease, Ruth Elizabeth
 Pekary, Charlotte Helen
 Percival, Olive Belle, B.S. (Univ. of Ill.), 1910
 Perry, Grace Marie
 Perry, Kathleen
 Perry, Laura Virginia
 Perry, Mabel Louise
 †Perry, Orlo Hibbard, S.B. (Alfred), 1914
 Persson, Elizabeth
 Peters, William Henry, jr.
 Petry, Howard Kestler
 Phelps, Ethel Lowerre
 Phillips, Leroy McQueen
 Phillips, Minnie Amelia
 Phoenix, Harold Averill
 Pickerill, Horace Mann, B.S. in Agr., 1911
 Pickering, Dorothy Iredell, B.S. (Elmira Coll.), 1912
 Platt, Emilie Louise, B.A. (Adelphi), 1911, M.A. (Cornell), 1913
 Plumb, Albert Edward, B.Sc. (Syracuse), 1909
 Plunkett, Clarence Edward
 Porter, Joseph Pullman
 Potter, Edward Eldred
 Potts, Jean Findlay, A.B., 1912
 †Powers, Florence Margaret
 Pratt, Joshua Dickson
 Pray, Sophie Augusta
 Precheur, Mildred Madalene
 Price, Helen Margaret
 Pittsburgh, Pa.
 Ithaca
 Bangkok, Siam
 Newark, N. J.
 Ithaca
 New York City
 Scranton, Pa.
 New York City
 Harrisburgh, Pa.
 Philadelphia, Pa.
 Ellicott, Md.
 New York City
 Antrim, N. H.
 Yonkers
 Sharon Springs
 Chekiang, China
 Jacksonville, Fla.
 Ithaca
 New York City
 Montezuma, Ind.
 New York City
 San Juan, Porto Rico
 Alfred
 Franklin, Pa.
 Southampton
 Leighton, Pa.
 Altoona, Pa.
 Sayre, Pa.
 Utica
 Granville, O.
 Ithaca
 New York City
 New York City
 Clayton
 Bedford, Pa.
 Buffalo
 Sunbury, Pa.
 Rochester
 Ithaca
 Warrensburg
 Belton, Texas
 Waverly
 Jamaica
 Washington, D. C.
 Youngstown, O.
 Pittsburgh, Pa.
 Ithaca
 Minneapolis, Minn.
 Sioux Falls, S. D.
 Newark, N. J.
 Philadelphia, Pa.
 Rensselaer
 Brooklyn
 Oswego
 Brooklyn
 Urbana, Ill.
 Flushing
 Fredericksburg, Va.
 Rochester
 Flushing
 Alfred
 Solvay
 Brooklyn
 Wilkes-Barre, Pa.
 Buffalo
 St. Louis, Mo.
 West Haverstraw
 Davenport, Iowa
 Ripley, O.
 Elmira
 Brooklyn
 Malone
 Rome
 New Rochelle
 Plattsburg
 Troy
 New York City
 Honolulu, Hawaii
 New York City
 Elizabeth, N. J.
 Philadelphia, Pa.

- Prichard, Olive May
 Priester, Walter Adolph
 Pritchett, Eliza Esther, A.B., 1907
 Pritchett, Katharine Aquith, B.S. (Columbia), 1913
 Proper, Byron Saunders
 Putnam, Arthur James
 Putney, Charles Milton
 Quick, Martha Edith
 †Quimby, Mary Agnes, A.B. (Bryn Mawr), 1906
 Raftery, Esther Kathryn, A.B. (State Coll. for Teachers, Albany), 1911
 Rain, Elsie
 Ralston, Alene
 Rand, Ruth
 Raub, Edwin Hyde
 Ray, Ethel Daisy, A.B. (Grove City Coll.), 1906
 Reader, Charles Harry
 Ream, Ellen Mary
 Reber, Elizabeth Jane
 Redding, Agnes Elizabeth
 Reed, Dolores Veronica
 Rees, Frank Milburn
 Reith, Werner Frederick
 Remey, William Butler
 Rennie, Charlotte Josephine
 Reymond, Paul LeGrand
 Reynolds, John Clive
 Rhodes, Gilbert Saxton
 Rhonemus, Jennie Wattermire
 Rice, Arthur J.
 Rice, Donald Ballard
 Rice, Emily
 Rider, Charles Morgan
 Riffe, Jay
 Rigdon, Henry
 Riker, Isaac Russell
 Riley, Francis Wadsworth
 Riley, Mark Raymond
 Rippey, Elizabeth May, A.B. (Mt. Holyoke), 1905
 Roberts, Fred White
 Robertson, Ila Loretta
 Robertson, June Alliene
 Robertson, Leslie Colville
 Robertson, William Wallace, jr.
 Robinson, Anna Mary, A.B. (Wilson Coll.), 1900
 Robinson, Jesse Morse
 Robinson, Melville Wilson
 Rock, Mary
 Roderick, Ida May
 Rodgers, Ruth Blackman
 Roe, John Winans
 Rogers, George Henry, A.B., 1914
 Rogers, Lois Maybel
 Rogers, Maurice Earle
 Rolfe, Cora Martin
 Rollinson, Kathryn Almira
 Romer, Winifred
 Ronalder, Mary Charlotte
 Root, Margaret Elizabeth
 Roper, Frank Adams
 Rosania, Gustave
 Rose, John Kader, jr.
 Rosenberry, Morris Claude
 Rosenthal, Archie Ulysses
 Rosenthal, Jules Edmund
 Rosenthal, Leon Judah
 Rosenzweig, Samuel
 Ross, Beatrice Veronica
 Ross, Hermia
 Ross, Irene Mary, B.A. (Hunter Coll.), 1906
 Ross, Josephine Camilla
 Ross, Laura Elizabeth
 Rossiter, Clinton Lawrence, jr.
 Roth, William Reinhard
 Rouault, George
 Rowe, Mary Dorothy
 de la Roza, Joaquin Julio
 Rubinstein, Mary Louise
 Ruckgaber, Otto Ernest
 Rudkin, Charles Nathan
 Rumsey, Gyda Trumbul
 Runyan, Helen
- Clay
 Davenport, Iowa
 New York City
 New York City
 Saratoga Springs
 Deposit
 New York City
 Ithaca
 Berwyn, Pa.
 Sherburne
 Bridgeton, N. J.
 Philadelphia, Pa.
 Brooklyn
 Luzerne, Pa.
 Grove City, Pa.
 New York City
 Buffalo
 Carlisle, Pa.
 McKees Rocks, Pa.
 Pittsburgh, Pa.
 Pittsburgh, Pa.
 Dolgeville
 Washington, D. C.
 Buffalo
 Kansas City, Mo.
 Syracuse
 Ithaca
 Forest, Ohio
 Dallas, Pa.
 Trenton, N. J.
 Easton, Pa.
 Springville
 Hinton, W. Va.
 Sharon, Md.
 Caldwell, N. J.
 London, N., England
 Orange, N. J.
 Geneva
 Denver, Col.
 Strathroy, Ont., Canada
 Cumberland, Md.
 Brisbane, Queensland
 N. Tonawanda
 Wilkinsburg, Pa.
 Washington, D. C.
 Oil City, Pa.
 Belfast
 Hazleton, Pa.
 Ithaca
 Ithaca
 Chicago, Ill.
 Sanborn
 Terre Haute, Ind.
 Petersburg, Va.
 Olean
 Ithaca
 Roscoe
 Bellwood, Pa.
 Owego
 Bananquilla, Colombia
 Waco, Texas
 East Stroudsburg, Pa.
 St. Louis, Mo.
 New York City
 Newark, N. J.
 New York City
 Brooklyn
 Brooklyn
 Brooklyn
 Brooklyn
 Ft. Wayne, Ind.
 Brooklyn
 Varysburg
 Jersey City, N. J.
 Hazleton, Pa.
 New York City
 Brooklyn
 Brooklyn
 Middletown, Conn.
 Newfield
 Bluffton, Ind.

- Runyon, Helen Ure
 Russel, William Muir
 Rutherford, Roberta Wilmont
 Ryan, Anna M.
 Ryan, Emmett James, jr.
 Ryder, Morton
 Ryerson, Robert Emmett
 Sa, Theotonio, jr.
 Sabin, Grace Marguerite
 Sachers, Gustav Eric
 Sackin, Isaac, B.S. (Coll. City New York), 1905, LL.B. (New York Univ.), 1908
 Samans, Marta
 Samkoff, Julius
 Sanford, Raymond Prior
 Sargent, Anna May
 Savage, Elizabeth Katharine
 Schade, Mary Rose
 Schaefer, Anna Gertrude
 Schaetzel, Julius
 Scheetz, Francis Harley
 Schenck, Irving Priestley
 Schively, Yale Roots
 Schlitz, Karl Washington
 Schmelz, Frederick Charles
 Schmitt, Flora
 Schmitt, Helen Marie
 Schnackenberg, George Herman
 Schnirel, Ida Emma, A.B., 1910
 Schout, Howard Milton
 Schwartz, Samuel
 Scott, Philip Lane
 Sears, Jeannette Frances, A.B. (Vassar), 1912
 Seely, Walter Gilbert
 Seitz, Cora Mary
 Selleck, Lawrence Mather
 Sellick, Florence Mary
 Senger, Herbert
 Sergeant, Nellie Barney, A.B. (Smith), 1906, Pd.B. (Albany Nor. Coll.), 1907, A.M. (Columbia) 1911
 Seward, Edith de Charms
 Seymour, Harold Leland, A.B., 1914
 Shaffer, Cora May
 Shaner, Robert Heller
 Shannon, Harvey DeWitt
 Shannon, Margaret
 Sharp, Eva Mary
 Sharp, Nelle Irene
 Shattuck, Hazel Hawley
 Shaw, Mary Madeleine
 Shaw, Reba Milton
 Shays, Wellington Barnes, M.E., 1913
 Shearer, Lee Ceylon
 Shelton, William Bristol
 Sherman, Elizabeth Geer
 Sherwood, Florence Kathryn
 Shippey, Georgetta Marian, Ph.B. (Chicago Univ.), 1910
 Shirley, Mary Lois
 Shontal, Paul Frederick
 Shuler, Charles
 Shutt, Ruth Louise, M.E. (S. W. Nor., Calif., Pa.), 1909
 Schwartz, Simon James, jr.
 Sibert, Harold Ward, M.E., 1914
 Simmons, Eva Hastings
 Simpson, Florence Agnes, B.A. (Adelphi), 1914
 Simpson, Mary Kirk, A.B. (Grove City Coll.), 1898
 Sims, Miriam
 Sinclair, Robert Oakes
 Sivan, Leon John
 Skinner, Annie Laurie
 Slattery, Thomas August
 Singluff, Olive Amanda
 †Smith, Beatrice Mary, B.A. (Mt. Holyoke), 1909
 Smith, Cora Elizabeth
 Smith, Eliot Congdon
 Smith, Elizabeth Raymond
 Smith, Esther Amelia Dudley
 Smith, E. Milton
 Smith, Frank Jonathan Ernest
 Smith, Helen Estelle, A.B. (Smith), 1912
 Smith, Herbert Hopper
 Smith, James Hugh, A.B. (Oberlin), 1908
 Newark, N. J.
 Detroit, Mich.
 Roanoke, Va.
 Johnstown, Pa.
 Seneca Falls
 Carmel
 Middletown
 Rio de Janeiro, Brazil
 Spencer
 Peekskill
 New York City
 Philadelphia, Pa.
 New York City
 Ithaca
 Boonville.
 Dunmore, Pa.
 Irwin, Pa.
 Newark, N. J.
 Los Angeles, Cal.
 Norristown, Pa.
 Flemington, N. J.
 Ithaca
 Brooklyn
 Detroit, Mich.
 Utica
 Utica
 Cornwall
 Geneva
 Tropic, Cal.
 New York City
 Yonkers
 Holyoke, Mass.
 Poughkeepsie
 Buffalo
 Buffalo
 Rome
 Port Jervis
 Cooperstown
 New York City
 Syracuse
 Plymouth, Pa.
 Boyertown, Pa.
 Middletown
 Wilkes-Barre, Pa.
 Ithaca
 Clayton, Ind.
 Corning
 Haverhill, Mass.
 West Chester, Pa.
 Owego
 Ithaca
 Dunkirk
 South Otselic
 Freeville
 Chicago, Ill.
 Washington, Ind.
 New York City
 Davenport, Iowa
 Charleroi, Pa.
 New Orleans, La.
 Gatun, Canal Zone, Panama
 New York City
 Brooklyn
 Washington, D. C.
 Newport News, Va.
 Corning
 Brooklyn
 Oxford
 Troy
 Pittsburgh, Pa.
 Holyoke, Mass.
 Schenevus
 Binghamton
 Worcester
 Rochester
 Brooklyn
 Holyoke, Mass.
 Easthampton, Mass.
 Saranac Lake
 Oberlin, O.

- Smith, Jonas Milton
 Smith, Stanley Sherwood, A.B. (Colgate Univ.), 1911
 Smith, William Barnard, A.B. (Wesleyan), 1888
 Snead, Georgia Tillman
 Snow, Leatitia Morris, A.B. (Goucher), 1895, Ph.D. (Univ. of Chicago), 1904
 Southard, Natalie Turner
 Souza, Antonio Carlos Ralua
 Spear, May Adele
 Speiden, Clement Leith
 Spencer, Genevieve, A.B. 1913
 Spencer, George Johnston, B.S.A. (Ontario Agr. Coll.), 1914
 Spencer, Mary Cass, A.B. (Newcomb), 1892, M.S. (Cornell), 1895
 Sperry, Elmer Ambrose, jr.
 Spicer, Ethel Mae
 Spinning, Ethel Gladys
 Spransy, Milton Robert
 Stacy, Phineas Farley
 Staley, Lucien Hamer, B.S. (Md. Agr. Coll.), 1912
 Stambach, Clara Swift
 Standish, Livingston Miner
 Standish, Robert Nevin
 Start, Margaret Hubbell
 Stearns, Ralph Omar
 Steele, Clara Mathilda, B.S. (Mich. Agr. Coll.), 1898
 Steere, Nancy
 Stein, Abraham Irving
 Steljes, Martin
 Stephens, Leroy Salisbury
 †Stephens, Nelson Timothy, A.B. (Kansas Univ.), 1912
 Stephenson, Guy Baker
 Sternberger, Robert Oscar
 Stevens, Robert Bentley
 Stewart, Andrew Wilson
 Stilson, Laura Ford
 Stoesser, Lillian Bertha
 Stoller, Guy William
 Stone, Edith May
 Storms, Ruth Estelle
 Strauch, Albert Theodore, jr.
 Strebel, Robert Louis
 Strong, Harry Merrill
 Strong, Hewlett Peters
 Stryker, Mary Janet
 Stuart, Eva McDowell
 Stults, Herbert Milton
 Sturrock, Walter H.
 Sullivan, Paul Livingston
 Summa, Henry Theodore
 Sutor, Adele
 Swanbom, Edla Theadora, A.B. (Gustavus Adolphus Coll.), 1911
 Swift, Ella Veronica
 Swift, George Warner
 Swobe, Margaret
 Sz-to, Sit Iu
 Tallman, Frank Gifford, jr.
 Tanton, Francis
 Tapolow, Bertha Dorothy
 Taylor, Albert Mordcai
 Taylor, Bayard
 Taylor, Cora Sherburne
 Taylor, George Herrick, A.B., 1908
 Taylor, Inez May
 Tears, Claude Frederick
 Tee, Nai
 Teed, Marvin DeLancey
 Tether, Chester Higbee, Ph.B. (Hamline Univ.), 1898
 Thatcher, Mary Louise
 Thayer, Allan Chester
 Thayer, Frederick Harrison
 Thayer, Mary Adelaide
 Thimig, Anita Emilie
 Thomas, Blanche
 Thomas, Edith
 Thomas, Helen Carolyn
 Thompson, Eleanor Hughes
 Thompson, Frances Eva, M.P. (West Chester Nor.), 1907
 Thompson, John Franklin, M.S. (Hillsdale Coll.), 1887
 Thompson, Katherine Walker, A.B. (Ku Mar. Coll.), 1897
 Thoms, Helen Josephine
 Thomson, William Maxwell
 Thonssen, Pearl Edna, B.S. (Geo. Wash. Univ.), 1900, M.A. (same), 1901
 Sharon Springs
 Camillus
 Mobile, Ala.
 Lynchburg, Va.
 Wellesley, Mass.
 Manchester, N. H.
 Sao Paulo, Brazil
 Brooklyn
 Summit, N. J.
 Milford
 Guelph, Ont., Canada
 New Orleans, La.
 Brooklyn
 Holley
 Newark, N. J.
 Washington, D. C.
 Buffalo
 Washington, D. C.
 Buffalo
 Springville
 Edgeworth, Pa.
 Chazy
 Winthrop
 Schenectady
 Providence, R. I.
 Brooklyn
 New York City
 Aurora, Ill.
 Jersey City, N. J.
 Ithaca
 Bloomfield, N. J.
 Ithaca
 Pasadena, Cal.
 Cortland
 Buffalo
 Johnstown
 Jackson, Mich.
 Ithaca
 New York City
 Buffalo
 Willseyville
 Ogdensburg
 Alexandria, Pa.
 Bristol, Va.
 Brooklyn
 Ithaca
 Winnipeg, Canada
 St. Louis, Mo.
 Philadelphia, Pa.
 Omaha, Neb.
 Dunmore, Pa.
 Forestville
 Albany
 Canton, China
 Wilmington, Del.
 Ingersoll, Ont., Canada
 Brooklyn
 Ardmore, Pa.
 Clinton
 Ithaca
 Ithaca
 Rutland, Vt.
 Starlake
 Bangkok, Siam
 Unadilla
 Oswego
 West Danby
 Ithaca
 Baltimore, Md.
 Ithaca
 Brooklyn
 Scranton, Pa.
 Buffalo
 Penfield
 Cape May, N. J.
 Washington, Pa.
 Richmond, Ind.
 Pittsburgh, Pa.
 Brooklyn
 East Oange, N. J.
 Washington, D. C.

- Thonssen, Ruby Ella
 Thorp, George Boulton, A.B., 1914
 Thurber, Henry Thomas
 Thurston, Adeline Alda
 Tierney, Katherine Bird
 Tillou, Ralph Morris
 Tilson, Howard Ferguson
 Tilton, George Henry, jr.
 Tisdell, Lelah May
 Titchener, John Bradford
 Tobey, Maude R.
 Todd, Charles Forrester, Ph.B. (Syracuse), 1911
 Touzeau, Lester Charles
 Towne, Ida May
 Townsend, Clarence Ellsworth, M.E., 1907
 Townsend, Cora Etta
 Townsend, David William
 Trask, Bessie May
 Trax, David Lewis
 Treman, Robert Carlton
 Trevor, Karl Robert
 Truman, Madge Irene, A.B. (Goucher), 1908
 Tucker, Hazel Aubrey
 Twist, Margaret M.
 Tyler, William Harold
 Tyndall, Evelyn
 Ufand, Jacob
 Ulman, Sarah Selma
 Underwood, Zelma Mary
 Upton, Gertrude Eleanor
 Van Brocklin, Frank Ray, A.B. (Hiram Coll.), 1912
 Van Campen, James King, jr.
 Vance, Martha Frew
 Van Order, Catherine
 Van Winkle, Edgar Bishop
 Velez Bouquet, Arnaldo
 Verhoeven, Minnie
 Vickers, John Harold
 Vidal Alvarez, Felipe Felix
 Victor, Hans
 Vinton, Frances Eliza, A.B. (Boston Univ.), 1904
 Vivoni, Armando
 Vizcaino, Manuel Jose
 Vogt, Marguerite Bergner
 Vondy, Edna
 Vroom, Ethel Adelia
 Waffel, Lana Eliazbeth Margaret
 Wagner, Bertha Balliet
 Wait, Justin Federal
 Waldron, William Robert
 Walker, Robert Byron, B.S. (Penn. Coll.), 1913
 Waller, Harriet, A.B. (Vassar), 1911
 Wallis, Minnie Ella
 Wallower, Herbert Hoover
 Ward, Duncan Campbell
 Ward, Florence May, A.B., 1909
 Ward, Frank Crawley
 Warde, Ethel May
 Wardwell, John Stillman, jr.
 Warn, Pearl Lorena
 Warner, Irving Studley
 Warner, Kenneth Baird
 Warner, Selden Richard, B.S. (William & Mary), 1911
 Washburn, Edgar Symonds
 Watson, James Edwin, jr.
 Watzek, John Whittier, jr., Ph.B. (Yale Sheffield), 1913
 Waycott, Edith Bowden
 Weaver, Harry Smith
 Webb, Frances Leslie
 Weber, Susan Kethledge, A.B. (Hunter), 1905
 Webster, Alma Eloise Jackson
 Weil, Lester Isaac
 Weinert, Joseph Louis, jr.
 Weiss, Elizabeth Emma
 Weisz, Sadie
 Wells, Howard Nathaniel
 Wells, Marie K.
 Werner, Cora Janet
 Wessells, Emily Margaretta
 West, Kurl Groff
 Westerhoff, Peter Detalius, jr.
 Washington, D. C.
 Pittsburgh, Pa.
 Detroit, Mich.
 Friendship
 Niagara Falls
 Elma Centre
 Texarkana, Texas
 Littleton, N. H.
 Ithaca
 Ithaca
 Pulteney
 Meridian
 Oradell, N. J.
 Broadalbin
 Painted Post
 Manila, P. I.
 Rizal, P. I.
 Wallingford, Conn.
 Oil City, Pa.
 Ithaca
 Ithaca
 Brookville, Pa.
 Whitman, Mass.
 Lackawanna
 Chicago, Ill.
 Bridge Hampton
 New York City
 Fredericksburg, Va.
 Pittsburgh, Pa.
 Washington, D. C.
 Genoa
 Olean
 Pittsburgh, Pa.
 Ithaca
 Brooklyn
 Iquique, Chili
 Rochester
 Chicago, Ill.
 Guayama, Porto Rico
 Ithaca
 Bedford
 San German, Porto Rico
 Cardenas, Cuba
 Utica
 Bayonne, N. J.
 Hammondsport
 Ft. Plain
 Watsonstown, Pa.
 New York City
 New Germantown, N. J.
 Meyersdale, Pa.
 Bloomsburg, Pa.
 Carbondale, Pa.
 Harrisburgh, Pa.
 Schenectady
 Ithaca
 Sumpkin, Ga.
 Washington D. C.
 Rome
 Little York
 Riverhead
 Bridgeport, Conn.
 Huntsville, Tex.
 New York City
 Fairmont, West Va.
 Davenport, Iowa
 Brooklyn
 Whitesboro
 W. Philadelphia, Pa.
 New York City
 Ithaca
 Buffalo
 New York City
 Buffalo
 Brooklyn
 Castile
 Castile
 Buffalo
 Elizabeth, N. J.
 Danville, Pa.
 Midland Park, N. J.

- Westermann, Elizabeth Caroline
 Wheeler, Ellen Eugenia
 Wheeler, Ethel Louise
 Wheeler, Marion Eloise
 Wheelless, Eakin Lockwood
 Whitaker, Eva Elouise, B.S. (Elmira Coll.), 1911
 Whitcomb, Agnes Matella
 White, Charlotte Nancy
 White, Guy Alfred
 White, Helen Margaret
 White, Karin Andreevna
 White, Vedder
 White, William D.
 Whitehead, Florence
 Whitehead, Hazel
 Whitman, Sylvia Ruth
 Whitney, Cass Ward, B.S., 1913
 Whitney, Francis Luther, A.B., 1906, A.M., 1911
 Whitney, Guy Frank
 Whittaker, Elizabeth Leigh, A.B., 1905
 Wiechers, Manolo Methfessel
 Wiecking, Hermine
 Wightman, Rolan J.
 Wilcox, Clara Louise, A.B., 1902
 Wilcox, Dora
 Wilcox, Harry Dickens
 Wilder, John Hayhurst
 Wiley, Minnie Bloodgood, A.B. (Hunter), 1900
 Wilkinson, Jennie
 Willard, Florence
 Willcox, Harry J.
 Williams, Alan Frank
 Williams, Ethel Mae, A.B. (Penna. Coll. for Women), 1914
 Williams, Ida May, A.B. (Adelphi), 1907
 Williams, Mildred Margaret
 Williamson, George Francis
 †Willis, Kathleen Marie, A.B., 1912
 Wilson, Emily Alice
 Wilson, Stella M.
 Wilson, Warden McKee
 Wilson, Wendell Hatch
 Winchell, Jessie Agnes
 Wing, Olive Cutler
 Wingfield, Daisy
 Winton, Carroll Ackley
 Wiseltier, Henry
 Witt, Leon Richmond
 Woepfel, Oswald Joseph
 Wolff, Herman Diedrich, A.B. (Penna. Coll.), 1910
 Wong, Chun
 Wong, Harold Hung-En
 Wood, Genevieve
 Wood, Henry Eames
 Wood, Jennie Daniels
 Wood, Lucy Thomas
 Woodelton, Esther
 Woodring, Sadie Elizabeth
 Woodward, Blanche Delphia
 Wootton, John Edenden
 Work, Eunice
 †Wright, Charles Arthur, B.S., 1914
 Wright, Mary
 Wrigley, Annie Fenwick
 Wyman, Horace, 2d
 Yeh, Yu Liang
 Yen, King Lau
 Yenser, Charles Elmer
 York, Frank Kelley, A.B. (Colgate), 1905
 Yost, Charles Henry
 Young, Howard Clifford
 Youngs, Sarah L.
 Zabriskie, Marjorie
 Zambrana, Jose Antonio
 †Zepp, Clarence Peter
 Ziegler, Caroline Louise, A.B. (Goucher), 1907
 Zwiren, Pauline
 N. Tonawanda
 East Bloomfield
 East Orange, N. J.
 Pittsburgh, Pa.
 Shreveport, La.
 Deposit
 New Haven, Conn.
 Waddington
 Buffalo
 Washington, D. C.
 West Valley
 Ithaca
 Bradford
 Bradford
 Steelton, Pa.
 Rochester
 Elmira
 New Hartford, Conn.
 Elmira
 Stapleton
 Bluffton, Ind.
 Nyack
 Trumansburg
 Wellsboro, Pa.
 Holyoke, Mass.
 Fredonia
 New York City
 Ithaca
 Passaic, N. J.
 Ithaca
 Monrovia, Cal.
 Glassport, Pa.
 Syosset
 Pittsburgh, Pa.
 Schenectady
 Mansfield, O.
 Pawtucket, R. I.
 Camden
 Indianapolis, Ind.
 Ithaca
 Mount Vernon
 Verbank
 Roanoke, Va.
 Ithaca
 New York City
 Brooklyn
 Corning
 Easton, Pa.
 Canton, China
 Tientsin, China
 Cleveland, O.
 Northampton, Mass.
 Brockton, Mass.
 Pittsburgh, Pa.
 New York City
 Dunmore, Pa.
 Salem, Mass.
 Cortland
 Tarkio, Mo.
 Perth Amboy, N. J.
 Columbus, O.
 Clearfield, Pa.
 Worcester, Mass.
 Hong Kong, China
 Canton, China
 Lehigh, Pa.
 Smithville
 Waterloo
 Utica
 Lestershire
 Brooklyn
 Juan Diaz, Porto Rico
 Troy
 Baltimore, Md.
 Brooklyn

STUDENTS IN THE WINTER COURSES IN THE COLLEGE OF AGRICULTURE, 1914-15

Abbott, Clinton G.	New York City	Brunberg, Ewald F.	Harrison
Abbott, Stanley L.	Baldwinsville	Bryan, Bart E.	West New Brighton
Ace, Leslie G.	Avon	Buchan, Mae C.	Ithaca
Ackerly, Raymond S.	Crystal Run	Buck, Bertrand L.	Groton
Acomb, Clarence O.	Dansville	Burden, Laurence D.	North East, Pa.
Adams, Roberta S.	Pompton Lakes, N. J.	Burns, Kenneth B.	Honeoye Falls
Adams, T. Ruthven	Lockwood	Burns, Sarah C.	Honeoye Falls
Agne, Louis M. A.	Catskill	Burrows, Gordon H.	Rhinebeck
Albers, Wesley H.	Ithaca	Butler, Otis J.	Genesee, Pa.
Alcorn, M. Mabel	Rutherford, N. J.		
Aldrich, Harry I.	Mattituck	Calvert, C. Crossman	Sterling
Aldrich, Hubert J.	Colchester, Vt.	Cameron, Thomas B.	Washingtonville
Allen, Nathan L.	Pittsford	Carpenter, Melvin C.	Unadilla Forks
Alpert, Isador M.	Rochester	Case, J. Mead	Westtown
Anderson, Stanley T.	Brooklyn	Cash, William C.	Cincinnati
Angell, LaVere H.	New Berlin	Cass, Rollin F.	Frewsburg
Apker, Laura E.	Williamsport, Pa.	Cavert, Harry A.	West Charlton
Apollonio, Donald L.	Fillmore	Caywood, Edith J.	Marlborough
Arnold, Mowry A.	Attica	Chapman, Frederick J.	Flushing
Arnold, Thomas J.	Hoboken, N. J.	Chase, John H.	Portlandville
Avery, Theodore W.	Utica	Cheeseman, Lewis, jr.	Port Henry
		Chrysohoides, Demetrios	Ithaca
Baehre, Arnold L.	Buffalo	Clark, Florence C.	Ithaca
Baetzel, Emilie F.	Rochester	Clark, Henry McC.	Erie, Pa.
Baker, Alice T.	Mohegan Lake	Clarke, Dorothy	New York City
Baker, Clifton H.	Rochester	Coan, Abraham M.	Ithaca
Baker, William T.	Mohegan Lake	Cobb, Della B.	Ithaca
Balcom, Andrew J.	Fancher	Cobb, Howard G.	Orchard Park
Baldrige, Mark	Kendaia	Cocks, David C.	New York City
Baldwin, Floyd M.	Pleasant Brook	Coe, Erwin R.	Oswego
Baldwin, Neal C.	Cortland	Conklin, William R., jr.	Chester
Baldwin, Warren R.	Queens P. O.	Connolly, James R.	Detroit, Mich.
Ball, James	Newark Valley	Coon, Leon W.	Moravia
Ballard, Frederick A.	Syracuse	Cornwall, Esther	South Wales
Ballard, Wilfred W.	Watford	Corwin, Blanche A.	Altmar
Barlow, Harry A.	Treadwell	Coulter, Frank W., jr.	Chittenango Station
Barnard, P. Ray	Hemlock	Cowell, Pearl J.	Ithaca
Barnes, Ora D.	Pierrepont Manor	Cowles, Genevieve A.	Orwell, Pa.
Barrett, Neil W.	Lafargeville	Craig, Charles E.	Rochester
Barringer, Marcus W.	Caneadea	Craig, Frank E.	Salem
Bartholomew, Emerson F.	Whitehall	Crayford, Forrest J.	Heuvelton
Basher, William J., jr.	Lancaster	Crofts, Ralph T.	Barrytown
Beatty, Newell J.	Heuvelton	Crosby, Helen	Eggertsville
Beaumont, Grace D.	Ithaca	Curtis, David E.	Sterling Station
Beaver, Grace I.	San Francisco, Cal.		
Beiermeister, James MCP.	Troy	Daiber, Eugene F.	Brooklyn
Bendeke, Robert	Cape Vincent	Daly, Henry B.	Hudson Falls
Bennett, Edgar H.	Flatbush, Brooklyn	Daniels, James P.	Middleburg
Beringer, Carl A.	New York City	Davis, Ada B.	Ithaca
Birdsall, Godfrey	New York City	Davis, James E., jr.	North Elba
Bishop, Harold W.	Pennellville	Davis, Wendell L.	Euclid
Blake, John H., jr.	Mahopac Falls	Day, William E.	New Berlin
Blakeley, Harold R.	East Aurora	Delorm, Clarence E.	Morrisonville
Blakeslee, Elwood D.	Jamesburg, N. J.	Denman, John W.	Auburn
Blasdel, Edward M.	Dayton	Denny, Edward B., jr.	Dansville
Blasdel, Gertrude O.	Dayton	Dewsnap, Mary V.	Ithaca
Bliss, Claude E.	Cooperstown	Dexter, Carlos von L.	Meriden, Conn.
Bodin, Robert	New York City	Dickens, F. Leslie	Freeville
Bond, Charles B.	Springville	Dickinson, Marguerite B.	Lockport
Bonner, John J.	Holland Patent	Dietzen, George	Dunkirk
Bostwick, David T.	Canandaigua	Diltz, Fred H.	Franklinville
Bosworth, Charles W.	Milford, Ohio	Dingman, Wayne C.	Summit
Bosworth, Natalie B.	Milford, Ohio	Dings, Justus H.	Troy
Botsford, Harold E.	Petersham, Mass.	Donovan, Timothy E.	Kirkwood
Botsford, Ludwina M.	Petersham, Mass.	Doyle, Alice E.	Buffalo
Bowles, Raymond G.	West Cossackie	Drake, Marsena C.	Arcade
Bradshaw, Orville C.	Central Square	Drewes, Henry F.	Brooklyn
Brandt, Fred J.	Syracuse	DuBois, Frank	Hillburn
Bratt, Glenn E.	Memphis	Duell, Ivan E.	Hamilton
Brayton, Helen I.	Fall River, Mass.	Dunham, Fred A.	Johnsontville
Bruss, Henry H.	Buffalo	Dunlop, Joseph K.	Gloversville
Bronson, Jesse W.	Durham	Dunn, Walter H.	Webster
Brown, Eugene C.	Brooklyn	Duray, William M.	Eagle Mills
Brown, Leon C.	Ithaca	Dwyer, Albert A.	New York City

Earnshaw, Frederic	Dimock, Pa.	Hawley, Chester C.	Geneva
Eldrett, Edward W.	Canastota	Hawthorne, Robert S.	New York City
Ellery, Eugene, jr.	Brooklyn	Hayes, Herbert J.	Cuba
Ellis, John A.	Fabius	Hayt, Frank E.	Brewster
Emrich, Emmett C.	Long Eddy	Hazel, George A., jr.	LaGrangeville
Enck, John G.	New York City	Hegarty, Edward	New York City
Ennis, Ralph R.	New London, Conn.	Hennig, Norman A.	Batavia
Eshbach, Jennie A.	Ithaca	Henninger, Adam J.	Allentown, Pa.
Evans, Charles	Ossining	Herrington, Forrest E.	Cambridge
Evans, Evan T.	Holland Patent	Herzog, Theodore	Canaan
Eyer, Grant J.	Barnards	Hewett, Wallace B.	Waterville
		Hitchcock, Dwight C.	Champlain
Farley, E. Reynolds	Campbell Hall	Hoffmire, Owan H.	Trumansburg
Ferguson, Beul J.	Burlington, Vt.	Holmes, Grace B.	Millport
Ferguson, J. Leland	Middlefield	Holmes, Orin W.	Millport
Filkins, Henry B.	Phoenix	Hoole, Lester P.	Manorville
Fink, Mapledoram	Yonkers	Howard, John J.	New Orleans, La.
Fischer, August	New York City	Howe, Ben S.	Indianapolis, Ind.
Fisher, Lewis A.	Spencer	Howland, James	Walton
Fleming, Andrew	Firthcliffe	Humphrey, Blakeley B.	Warsaw
Fleming, Howard F.	Walden	Hunt, Grace M.	Interlaken
Fleming, Hugh N.	Erie, Pa.	Hunt, Herbert E.	Homer
Flory, William B.	East Stroudsburg, Pa.	Hunt, William L.	Homer
Forbes, Cyril P.	Paterson, N. J.	Huntington, David H. S.	Southport, Conn.
Ford, Benjamin P.	Morristown, N. J.	Hyatt, Walter H.	Cazenovia
Ford, William C.	Solsville		
Forster, Frederick J.	Ulster Park	Ives, Charles W.	Binghamton
Fox, Perry S.	Dryden		
Fraser, Roland C., jr.	Suffern	Jacobs, Clinton H.	Vernon Center
Freisen, Alfred J.	Phelps	Jacobs, George R.	Harrisburg, Pa.
Frey, Maximilian H.	New York City	Jenkins, Albert E.	Saunderstown, R. I.
Friot, Perley C.	Rensselaer Falls	Jones, Anna B.	Ithaca
Fuller, Berrington A.	Friendship	Jones, Marshall W.	Woodstock
Fuller, Leslie H.	Mt. Vision	Johnson, Clyde C.	Schenectady
Fuller, LeVern L.	Elko	Johnston, David S.	North Troy
Furbeck, Harold E.	Altamont	Johnston, Eugene S.	Willimantic, Conn.
Furbeck, William E.	Altamont	Johnston, Robert J.	Attica
		Jordan, Vincent R.	Rochester
Gans, Fred B.	Highland		
Gates, Earl E.	Lebanon	Kazmeier, Oscar	Kiel, Wis.
Geiger, Walter J.	Wyandanch	Keene, Glenn M.	Ithaca
Gifford, Charles E.	Phelps	Keller, Edna L.	Eden
Giles, Roscoe M., jr.	Skaneateles	Keller, Wilfred J.	Rochester
Goldie, Roswell T.	Guelph, Ont.	Kent, Russell L.	Cornwall
Gosper, John S.	Walton	Kerr, Milton L.	Cohasset, Mass.
Graamans, M. J. H.	Syracuse	Ketchum, Helen N.	Victor
Graham, Samuel H.	Ithaca	Keys, George	Cossayuna
Graves, Nelson J.	Holland	Kiehl, Frederick A.	Otisco
Graves, Roy B.	Philadelphia	King, Fred L.	Middletown
Gray, Harmon B.	Lima	King, Harry E.	Crown Point
Gray, Merritt H., jr.	Kansas City, Mo.	Kinne, Chandler Y.	White Lake
Gray, Rollin E.	Ithaca	Kinney, Edgar E.	Georgetown
Green, Frank F.	Cleveland	Kinnus, Nora C.	Buffalo
Greenberg, Harry J.	Liberty	Kissen, Benjamin	New York City
Greene, Oscar C.	Syracuse	Klang, Max	Burlington, Mass.
Griffin, Oliver F.	Buffalo	Knausz, Edward	Canandaigua
Griswold, Donald W.	Wethersfield, Conn.	Koenig, William J.	New York City
Griswold, Elizabeth F.	Unadilla	Kopfmann, Charles	Oxford Depot
Gross, Elizabeth M.	Ithaca	Kramer, Louis	Ellenville
Guerrier, Edson	Boston Corners	Kräuter, Bernhard C. M.	Canaan
Guleserian, Vahan Y.	Buffalo	Kroll, Alfred J.	Monroe
		Kroneck, Caryl W.	Camden
Hagar, Marvin L.	Red Hook	Kroneck, Samuel G.	Camden
Halderman, Martha E.	Pottstown, Pa.	LaMotte, L. Vernon	Freeville
Hall, Alfred C.	Swarthmore, Pa.	Lamphear, Leonard B.	Rome
Hall, Earl R.	Camillus	Landers, Thomas G.	Closter, N. J.
Hall, Howard P.	Earlville	Lang, John J.	Amsterdam
Hall, Ralph	Hudson Falls	Langford, Ernest C.	Auburn
Hallock, Mabelle L.	Riverhead	Larchar, Guy H.	Sherburne
Hamann, Frederick	Lake Ronkonkoma	Larsen, Henry E.	St. James
Hananan, William F.	East Aurora	Law, Julia F.	Ithaca
Handweg, John	Westwood, N. J.	Leaman, Roy T.	Jordan
Hanna, Edward E.	Avon	Lester, Dale C.	Huntington
Hannon, John B.	Owego	Levy, Max	New York City
Harrington, Perry R.	Oswego	Liebig, Rudolph S.	Gwynedd Valley, Pa.
Harrison, Alwyne F.	Brooklyn	Lincoln, Charles	Trumansburg
Hartenhoff, Gerrit	Elba	Link, Frederick B.	Burlingham
Harter, Cleon	Jordanville	Lisk, T. Murray	Ledyard
Hartman, Lawrence A.	Alexandria Bay	Lockwood, Edgar	Greenwich, Conn.
Harvey, Rhuel G.	Marathon	Long, Frederick R.	Brooklyn
Havens, Ray N.	Big Flats	Lord, Edward C.	Cedarhurst

Love, Ernest G.	Watkins	Pierrepont, Nathalie C.	Ridgefield, Conn.
Lyman, Guy S.	Cleveland, O.	Pierrepont, Seth Low	Ridgefield, Conn.
Lyman, William C.	Albion	Porteous, William E.	Yonkers
McClew, Marie A.	Newfane	Potter, Howard H.	Clifton Springs
McCraley, George B.	Bliss	Potter, Louis F.	Genesee, Pa.
MacDougall, Elizabeth S.	Merchantville, N. J.	Potter, Reginald C.	Port Ewen
MacDowell, Roy J.	Jonesville	Powell, Isabel	Clearfield, Pa.
McGeoch, Ralph A.	Argyle	Pratt, Nelson S.	Cossayuna
McIntosh, Florence P.	Cayuga	Preston, Philip	Farmersville Station
McNulty, Charles E.	Java Center	Puhl, Nina G.	Ithaca
McTighe, James N.	Binghamton		
McVean, Alpin E.	Caledonia	Ralph, Georgia C.	New York City
Main, Joseph H.	New York City	Ranger, Lawrence S.	Germantown, Pa.
Mapes, Leslie A.	Howells	Redfield, George L.	Shortsville
Martin, Raymond J.	Webster	Reid, Henry F.	Argyle
Martin, Robert B.	Port Gibson	Reid, William J.	Fort Edward
Matteson, Glen S.	Sandy Creek	Reynolds, Alfred W.	Rochester
Matthews, Charles H.	Albion	Rice, Esther M.	Burt
Maynard, George R.	Stamford	Rice, Lloyd F.	Cleveland, O.
Mereness, Maurice A.	Worcester	Richardson, Floyd O.	Vesper
Merlub, Issac	Brooklyn	Richardson, John	Brooklyn
Mertz, Charles, jr.	Brooklyn	Rickard, Arthur	Dunraven
Miceli, Joseph T.	Buffalo	Ridley, Cuyler L.	Newark
Mickle, Arthur L.	Cherry Valley	Rima, James A.	Edmeston
Mickle, Frank J.	Sherburne	Robbins, Frederick W.	Bradford, Pa.
Miller, Albert W.	Minneapolis, Kans.	Roberts, Merrit S.	East Meredith
Miller, Arza R.	Peekskill	Roehlk, Mortiz S.	Bainbridge
Miller, Homer E.	New Rochelle	Rogers, Clifford H.	Thousand Island Park
Mills, David L.	Port Byron	Ronner, John W., jr.	New York City
Mills, Stephen L.	Port Byron	Rooney, Earl	San Francisco, Cal.
Mitchell, Ehrman B., jr.	Lingletown, Pa.	Rosenbaum, Sarah	Ithaca
Moore, James	Kenwood	Rowledge, Lauren A.	Balston Lake
Morse, Myron K.	Halcott Center	Russell, Harvey	Auburn
Moyer, Burton T.	Vernon	Russell, William E.	Glasgow, Scotland
Mueser, A. Margaret	New York City		
Murphy, John P.	Index	Salisbury, Elmer S.	Clifton Springs
Murray, Edward E.	Ulsterville	Sans, Arthur H.	Elba
Murray, Marshall	Campbell	Schachtel, Walter W.	New York City
Murtaugh, Lee F.	Smithville Flats	Schaffer, Max	Rensselaer Falls
		Schofield, Fred	Firthcliffe
Naramore, Gordon C.	Rochester	Schroeder, Linda L. H.	New York City
Nester, Howard W.	Keuka Park	Schuh, Alfred E.	Buffalo
Neutze, Wilhelm G.	Guatemala City, Guatemala	Scott, Howard R.	Blossvale
		Seely, Lloyd S.	Newfield
New, Clarence H.	Canastota	Selden, Lynde	New York City
Newman, Mary L.	Ithaca	Selkregg, James L.	North East, Pa.
Niles, Charles E.	White Creek	Seward, Elton C.	Gaspot
Niles, George H.	Oriskany Falls	Seward, Norris W.	LeRoy
Northrop, Edna L.	Etna	Shafer, Carl A.	Cazenovia
Noxon, Charles W.	Schenevus	Shafter, Eva R.	Farmington, Conn.
		Shannon, Bert C.	Philadelphia
O'Brien, John L.	Hooper	Sharpe, Louis V.	Clyde
Ogawa, Unoske	New York City	Shearer, Frank H.	Beacon
Ohleen, George E.	Ashville	Sheerin, Robert	Canastota
Ohlund, William E.	Dorchester Center, Mass.	Shepard, Mary B.	Buffalo
Oliver, Frank B.	Smithville Flats	Sidebottom, Cuthbert M.	New York City
Owens, Anna P.	Cazenovia	Silcock, George E. S.	Sloatsburg
Owens, William W.	Cazenovia	Silcock, Raymond Z.	Sloatsburg
		Silcock, William E.	Sloatsburg
Palmer, Leon	Groton	Simpson, Berkley	Newfield
Parker, Glenn A.	Ithaca	Simpson, Robert	New York City
Parkhurst, Charles R.	Rochester	Sirotn, Samuel	Brooklyn
Parshall, Walter C.	Port Jervis	Smith, Adah D.	Ithaca
Parsons, Oliver W.	Glen Cove	Smith, Edwin V.	Buffalo
Parsons, Willard	New Haven	Smith, Gilbert R.	New York City
Paschke, Harold	Fredonia	Smith, Gordon S.	Bayport
Pasmore, Howard S.	Mt. Vernon	Smith, Harriette P.	Ithaca
Patterson, John D.	Red Hook	Smith, Maurice L.	Brooklyn
Peebles, Anson J.	Booneville	Snow, Herbert C.	Camden
Peebles, Herbert V.	Booneville	Snyder, Harry	Cottkill
Peet, Dean R.	Mt. Vision	Snyder, Tracey R.	Albion
Perkins, C. Vera M.	Ithaca	Snyder, William D.	Syracuse
Perry, Harold W.	Otselc	Sparkes, George F.	Canaan
Perry, Margaret B.	Gansevoort	Spencer, Edwin A.	Amenia
Peters, Anna G.	Ithaca	Stanard, Ivan D.	South Otselc
Peters, Richard G.	Stamford	Stanton, Edwin F.	Mountain Grove, Mo.
Phaneuf, Louis F.	Brooklyn	Stark, Ward B.	Philmont
Phillips, Judith	Upper Montclair, N. J.	Starr, Elizabeth J.	New York City
Philp, Howard F.	Yonkers	Starr, Williams H.	New York City
Pierce, James E.	Auburn	Stacy, Alva E.	Redwood

Steady, John J.	Redwood	Van Hennik, Brutis W., jr.	White Plains
Stebbins, Albert M.	Silver Creek	Van Housen, Adelbert L.	Sherburne
Stedje, Leland J.	Savona	Van Kirk, Lochary A.	Newfield
Stedman, Percy J.	Dolgeville	Van Winkle, Edgar B.	Brooklyn
Steele, John M.	Auburn	Van Winkle, LeRoy	Pleasant Valley
Steere, Schuyler P.	Cooperstown	Velie, Raymond T.	Marlborough
Sterner, Arthur C.	Dansville	Vett, Joseph	New York City
Sterner, Nelson G.	Catskill		
Stevens, Donald H.	Bergen	Wagner, Wilson	Redwood
Stevens, Pierce W.	Greenville	Walker, Bert	Corning
Stevenson, George W.	Waverly, Pa.	Walsh, Thomas	Stapleton
Stilwell, Burnette	Lutheranville	Warren, George V.	Rochester
Stilwell, J. Gray	Burdett	Washburn, Clinton E.	Utica
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Stimming, William H.	Newark Valley	Wasson, Edward K.	West New Brighton
Stockham, William B.	Holley	Watson, John M.	Binghamton
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Sykes, Lynas W.	Ithaca	Welch, Francis L.	Spencerport
		Wellbrock, Arthur C.	New York City
Taber, William B.	East Aurora	West, Eldred	Theresa
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Taylor, R. Randolph	Philadelphia, Pa.	Wickson, Robert M.	Buffalo
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KEY TO THE UNIVERSITY BUILDINGS

whose names are not indicative of the purposes to which they are devoted.

BAILEY HALL—Auditorium.
 BARNES HALL—Cornell University Christian Association.
 BOARDMAN HALL—The College of Law.
 CASCADILLA HALL—Dormitory for Men.
 FRANKLIN HALL—Department of Electrical Engineering.
 GOLDWIN SMITH HALL—Departments of Languages, Philosophy, History, Economics, etc.
 LINCOLN HALL—College of Civil Engineering.
 MCGRAW HALL—Departments of Geology and Zoology.
 MORRILL HALL—Administration Offices; Psychological Laboratory.
 MORSE HALL—Department of Chemistry.
 PRUDENCE RISLEY HALL—Dormitory for Women.
 RAND HALL—Sibley College, Shops.
 ROBERTS HALL—Main Building of the College of Agriculture.
 ROCKEFELLER HALL—Department of Physics.
 SAGE COLLEGE—Dormitory for Women.
 SIBLEY COLLEGE—College of Mechanical Engineering.
 STIMSON HALL—Ithaca Division of the Medical College.
 WHITE HALL—College of Architecture; Department of Mathematics.

